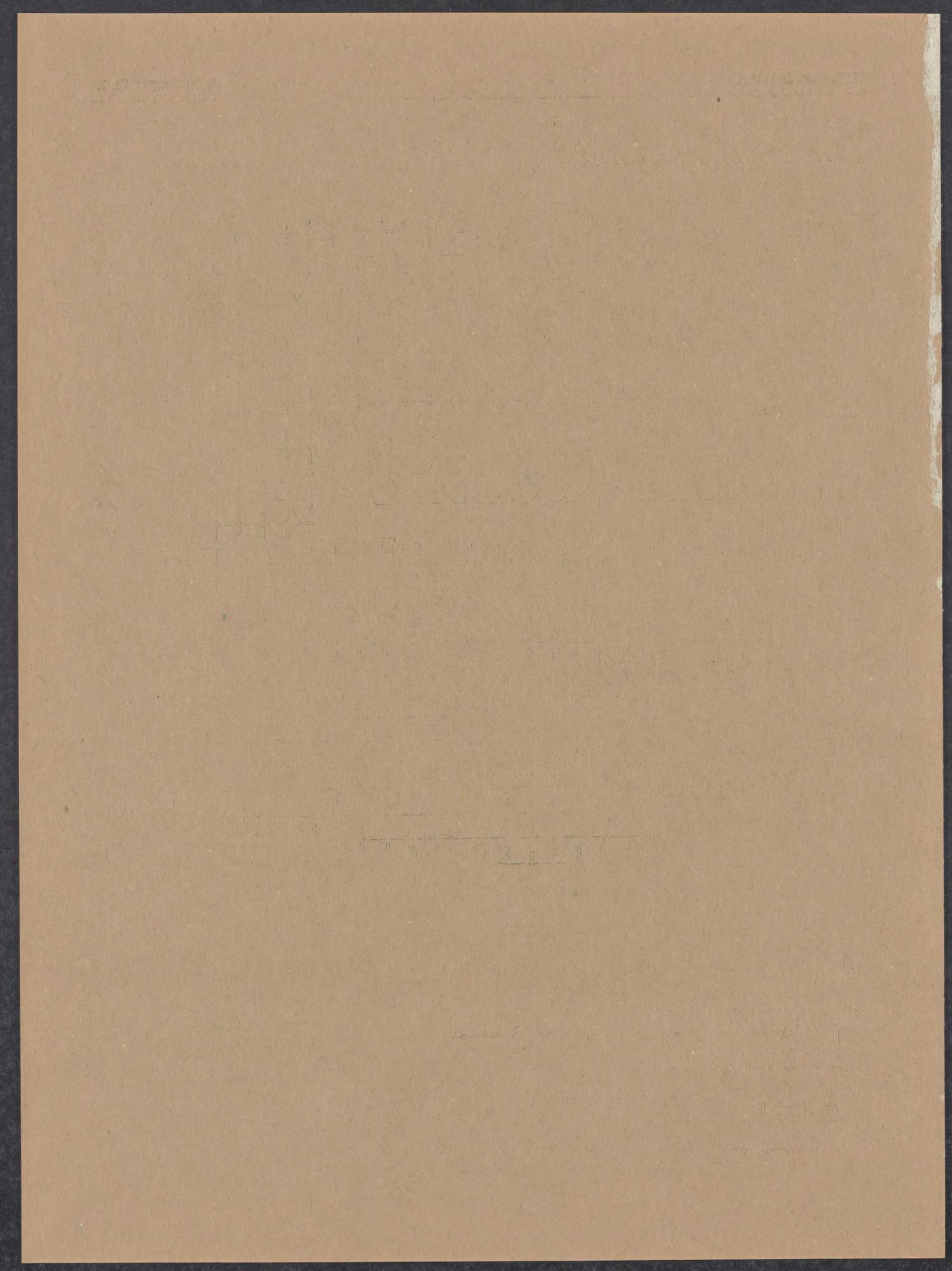


1951 supplement

Handbook of Labor Statistics

UNITED STATES DEPARTMENT OF LABOR
Maurice J. Tobin, Secretary

BUREAU OF LABOR STATISTICS
Ewan Clague, Commissioner



Handbook of Labor Statistics 1951 Supplement

Bulletin No. 1016
1951 Supplement

UNITED STATES DEPARTMENT OF LABOR
MAURICE J. TOBIN, *Secretary*

BUREAU OF LABOR STATISTICS
EWAN CLAGUE, *Commissioner*



Letter of Transmittal

UNITED STATES DEPARTMENT OF LABOR,
BUREAU OF LABOR STATISTICS,
Washington 25, D. C., July 29, 1952.

The Secretary of Labor:

I have the honor to transmit the Handbook of Labor Statistics, 1951 Supplement. This carries forward through the year 1951, as far as is possible, the statistical material presented in the Handbook of Labor Statistics, 1950 Edition, Bureau of Labor Statistics Bulletin No. 1016.

Appreciation is hereby expressed to staff members of the various operating divisions and offices of the Bureau and of a number of other Federal agencies who contributed the 1951 data. The Supplement was prepared under the supervision of John Newton Thurber of the Office of Publications.

EWAN CLAGUE, *Commissioner.*

Hon. MAURICE J. TOBIN,
Secretary of Labor.

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Handbook of Labor Statistics

1951 Supplement

Introduction

The term "labor statistics," though broadly conceived herein, is limited to Bureau of Labor Statistics series and to the relevant series of other Federal agencies.

This issue is the first supplement to the 1950 edition, and is presented also in loose-leaf form to facilitate the insertion of sheets representing latest data, new series, corrections, and revisions in the appropriate sections, thereby providing continuity and convenience.

Textual material presented in the 1950 edition is not repeated herein. This supplement follows the same numbering and section-titling system as the 1950 edition.

Due to program revisions involving several of the statistical series which are currently in process, to the completion of one series, and to the presentation of certain tables which were complete as published in the 1950 edition, the following tables are not continued:

Section A: table A-1 and tables A-3 through A-10.

Section B: table B-1.

Section C: table C-1 and tables C-3 through C-7.

Section D: tables D-7 and D-8.

Section E: table E-11.

Section F: table F-4.

Section I: tables I-2, I-3, I-5, I-6, and I-8.

Section K: table K-1.

Other tables presented in this supplement are new, and still others represent various stages of revision, as follows:

Section A: table A-2 is revised; table A-2a is new.

Section C: table C-2 is revised; tables C-2a, C-15, and C-16 are new.

Section D: tables D-2a, D-7a, and D-8a are new.

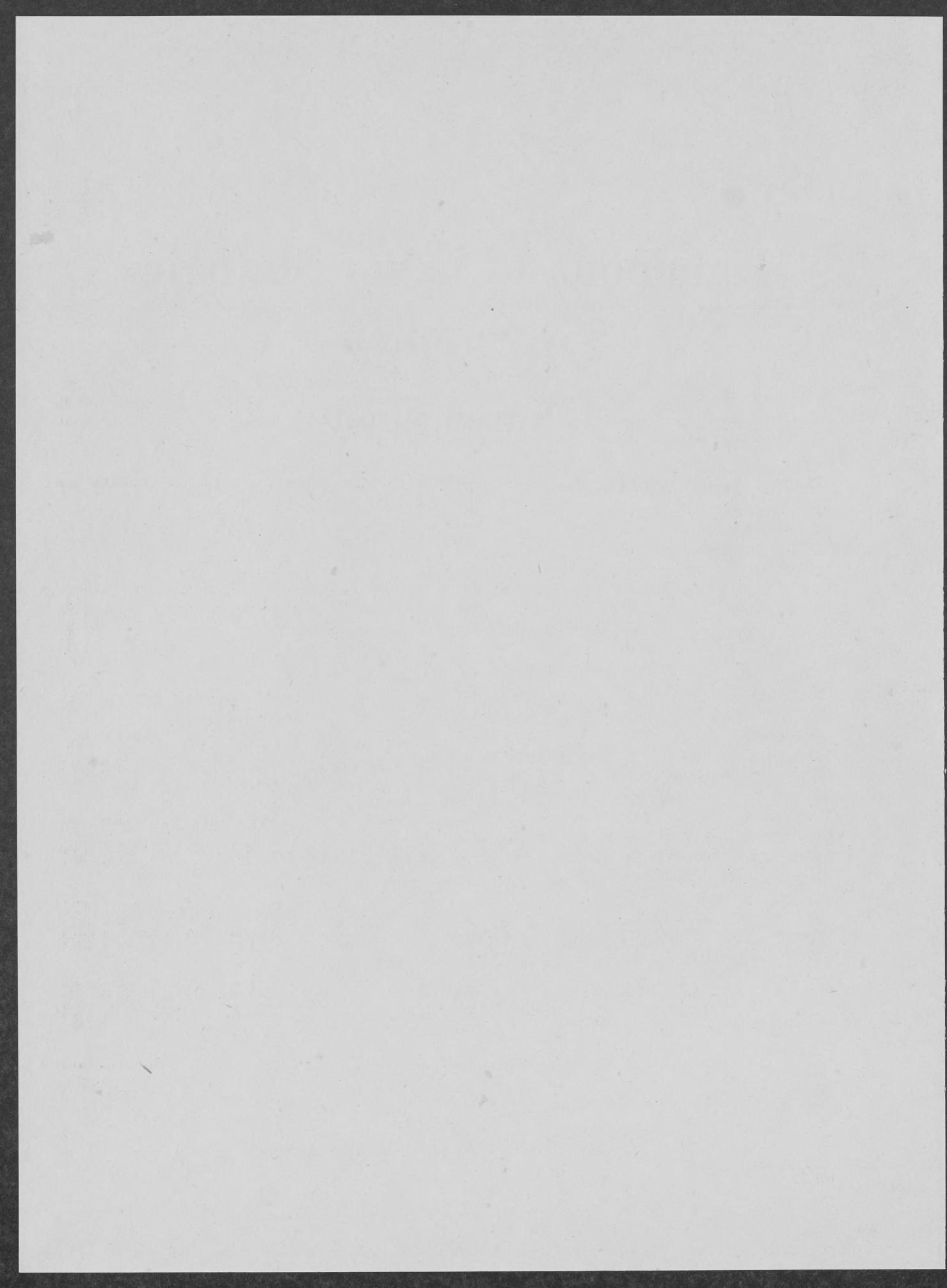
Section F: tables F-1, F-2, F-3, and F-5 are revised; table F-5a is new.

Section G: tables G-3 and G-4 are revised.

Section H: tables H-1 through H-8 are revised.

Section I: table I-9 is new.

Section L: tables L-2 through L-7 are revised.



Section A: Employment, Unemployment and Payrolls

Data for State employment are presented here from 1947 through 1951 because additional information has become available for many of the States and revisions of previously published

totals have been made for many of the years previous to 1951. This supplement replaces in its entirety table A-2 of the 1950 edition of the Handbook of Labor Statistics.

TABLE A-2: Number of employees in nonagricultural establishments, by industry division, by State, annual averages, 1947-51¹

[In thousands]

Year	Total	Mining	Contract construction ²	Manufacturing	Transportation and public utilities	Trade	Finance	Service	Government	Year	Total	Mining	Contract construction ²	Manufacturing	Transportation and public utilities	Trade	Finance	Service	Government
<i>Alabama</i>										<i>Delaware</i>									
1949-----	593.0	27.1	27.0	206.4	51.5	117.0	16.0	52.1	95.8	1950-----				46.4					10.3
1950-----	606.7	24.1	28.2	216.1	50.7	120.5	17.7	51.2	98.2	1951-----				50.8					10.9
1951-----	646.4	21.7	34.5	226.2	54.8	125.1	18.6	53.7	111.8	<i>District of Columbia</i>									
<i>Arizona</i>										1949-----	481.2	(4)	19.2	16.4	30.6	92.6	21.1	59.5	241.8
1947-----	145.2	12.4	11.1	14.7	17.8	37.3	4.0	18.6	29.4	1950-----	484.0	(4)	22.1	16.7	29.5	92.3	21.9	59.2	242.3
1948-----	154.3	12.9	12.6	15.4	18.6	39.3	4.4	19.4	31.5	1951-----	519.5	(4)	21.7	17.1	31.4	95.4	22.6	60.0	271.3
1949-----	152.7	12.3	10.3	14.5	18.4	39.2	4.9	19.4	33.8	<i>Florida</i>									
1950-----	159.2	11.3	12.1	15.5	19.0	41.2	5.3	20.4	34.4	1947-----	631.8	5.4	54.4	92.8	68.4	184.7	24.5	95.1	106.5
1951-----	176.0	11.8	13.2	19.2	20.3	44.0	5.8	25.4	36.3	1948-----	648.7	5.4	57.7	94.9	67.6	193.8	27.4	95.6	106.2
<i>Arkansas</i>										1949-----	645.2	5.6	52.2	90.8	65.9	194.0	27.5	96.1	113.1
1947-----	283.0	8.0	15.9	75.1	30.2	66.8	6.6	32.7	47.8	1950-----	688.0	6.2	65.9	97.1	66.1	204.9	30.0	101.0	116.8
1948-----	290.8	8.1	16.8	77.1	31.1	68.6	7.2	33.9	48.2	1951-----	722.4	6.6	69.2	105.4	70.6	211.2	31.5	106.8	121.1
1949-----	285.0	7.0	16.1	70.0	29.8	69.0	7.3	34.5	51.3	<i>Georgia</i>									
1950-----	296.4	6.6	18.2	75.7	31.2	71.2	7.8	34.2	51.5	1947-----	740.0	4.2	36.0	273.7	71.0	160.2	21.1	70.7	103.1
1951-----	312.5	6.5	23.6	80.4	31.9	73.2	8.0	35.6	53.5	1948-----	759.3	4.6	36.0	279.9	70.2	167.6	23.3	71.8	106.0
<i>California</i>										1949-----	749.7	4.4	34.8	263.6	66.4	170.4	23.8	73.3	113.0
1947-----	3,080.0	34.2	202.4	721.8	308.0	774.7	132.3	423.5	483.0	1950-----	786.4	4.2	40.3	284.4	67.0	174.5	25.2	74.3	116.5
1948-----	3,162.8	35.6	225.2	734.2	313.1	790.6	139.8	423.5	500.9	1951-----	847.5	4.5	47.4	303.6	71.1	182.4	26.9	78.1	133.5
1949-----	3,088.1	34.4	197.5	701.5	300.7	767.2	141.2	420.9	524.6	<i>Idaho</i>									
1950-----	3,209.4	32.3	225.8	759.7	301.2	783.1	151.3	422.8	533.3	1947-----	121.7	5.3	7.1	20.5	15.6	32.6	2.8	14.0	23.8
1951-----	3,515.2	34.7	242.8	892.1	321.0	820.4	158.7	446.3	599.3	1948-----	124.0	5.6	7.8	21.3	15.8	32.8	3.2	14.4	23.2
<i>Colorado</i>										1949-----	125.0	5.3	9.0	20.0	15.6	33.1	3.4	14.4	24.3
1947-----	330.5	12.8	17.2	57.5	40.2	86.8	12.3	44.6	59.3	1950-----	130.5	5.5	10.5	21.8	16.4	33.4	3.7	14.3	24.9
1948-----	340.0	12.3	19.2	57.6	41.7	90.5	12.7	46.3	60.0	1951-----	138.0	5.5	12.5	23.8	17.3	35.0	3.7	14.6	25.7
1949-----	338.8	10.6	19.1	53.9	41.2	89.7	12.6	45.0	61.7	<i>Illinois</i>									
1950-----	344.5	9.3	22.9	57.3	41.6	92.1	14.0	44.1	63.2	1947-----	3,148.1	47.6	118.7	1,240.4	320.7	666.9	141.9	328.1	283.8
1951-----	378.1	9.9	32.1	63.6	43.7	96.1	14.6	46.3	71.8	1948-----	3,185.9	50.1	130.4	1,214.8	307.9	692.6	146.8	336.4	306.9
<i>Connecticut</i>										1949-----	3,050.5	46.9	132.8	1,115.3	293.4	671.9	147.1	334.9	308.3
1947-----	773.7	(3)	29.7	415.7	43.3	118.3	34.4	72.6	59.7	1950-----	3,095.2	45.6	136.6	1,157.5	293.6	674.1	145.0	332.8	310.0
1948-----	775.6	(3)	32.7	404.9	43.5	122.2	35.7	74.8	61.8	1951-----	3,213.2	44.4	152.5	1,212.9	299.4	687.1	146.9	341.3	328.8

See footnotes at end of table.

TABLE A-2: Number of employees in nonagricultural establishments, by industry division, by State, annual averages, 1947-51¹—Continued

[In thousands]

Year	Year										Year									
	Total	Mining	Contract construction ²	Manufacturing	Transportation and public utilities	Trade	Finance	Service	Government	Total	Mining	Contract construction ²	Manufacturing	Transportation and public utilities	Trade	Finance	Service	Government		
<i>Indiana</i>																				
1947	1,188.6	15.5	47.8	551.2	103.7	229.6	32.5	89.1	119.2	1,116.4	10.2	45.3	348.8	121.7	279.2	49.0	130.8	131.4		
1948	1,221.0	16.5	52.2	555.3	105.3	243.1	34.4	91.9	122.3	1,142.4	9.8	46.7	350.8	124.5	293.8	51.8	131.4	133.6		
1949	1,181.4	15.8	50.2	513.1	99.2	248.7	34.7	92.9	126.9	1,121.5	9.5	44.2	334.4	120.2	292.5	50.8	131.9	138.2		
1950	1,264.9	15.7	53.6	572.3	104.8	257.7	35.6	93.1	132.2	1,161.6	8.9	52.9	348.3	123.0	301.2	52.2	135.9	139.3		
1951	1,351.2	15.2	64.1	615.8	109.9	271.0	37.6	94.1	143.4	1,230.9	9.0	62.3	373.0	128.6	317.1	54.1	140.6	146.2		
<i>Iowa</i>																				
1947	570.9	3.2	28.1	149.6	60.0	156.9	21.4	64.3	87.3	136.4	9.6	7.3	18.4	22.2	34.1	3.4	16.8	24.6		
1948	589.6	3.4	29.1	152.2	61.2	165.0	23.1	65.1	90.6	143.4	10.2	9.1	18.4	22.1	37.0	3.6	17.4	25.7		
1949	586.6	3.2	28.3	147.7	59.6	164.2	23.0	66.1	94.6	145.0	9.9	9.7	17.8	21.7	36.9	3.7	18.4	26.9		
1950	601.9	3.2	32.5	151.6	61.1	165.9	23.4	66.2	98.1	147.0	10.2	10.5	18.0	21.9	36.7	3.9	18.6	27.2		
1951	630.3	3.0	37.1	167.1	63.2	170.1	24.2	65.7	100.0	149.9	10.4	10.7	18.1	23.0	37.4	4.2	18.6	27.5		
<i>Kansas</i>																				
1947	423.2	16.4	23.3	81.5	61.9	107.5	13.0	46.8	72.8	1947	295.5	(4)	15.2	49.3	40.3	85.9	14.1	37.5	53.2	
1948	440.5	16.9	27.5	84.3	63.2	113.2	13.8	47.9	73.7	1948	305.9	(4)	17.7	49.1	40.5	89.6	15.0	37.9	56.2	
1949	445.5	17.3	27.3	86.8	60.2	115.9	14.3	47.3	75.5	1949	305.2	(4)	17.4	48.6	39.1	89.2	15.4	38.3	57.2	
1950	459.0	17.1	30.5	92.4	61.3	118.0	16.0	46.9	76.9	1950	312.6	(4)	18.9	49.8	41.0	90.9	16.0	38.5	57.5	
1951	501.1	17.8	35.4	116.9	64.2	121.1	16.7	47.8	81.2	1951	327.8	(4)	19.1	55.6	43.3	92.8	16.3	38.5	62.2	
<i>Kentucky</i>																				
1948	548.1	68.9	25.5	139.9	62.3	107.8	13.6	54.7	75.5	1947	53.7	3.7	5.0	3.3	8.7	11.7	1.1	10.4	9.8	
1949	528.2	58.4	25.4	131.2	57.5	108.5	14.1	55.1	78.0	1948	53.1	3.5	5.0	3.3	8.4	11.3	1.1	10.9	9.6	
1950	547.4	59.0	27.6	139.0	57.4	112.8	14.8	57.0	79.9	1949	51.4	2.9	4.3	3.0	8.0	10.8	1.1	11.1	10.2	
1951	590.8	57.6	40.5	151.6	59.8	119.5	15.6	60.2	86.0	1950	53.8	2.8	4.5	3.3	8.3	11.1	1.2	11.8	10.8	
<i>Louisiana</i>																				
1949	26.7	—	—	138.9	77.8	142.6	17.9	67.0	94.4	1947	166.8	.2	7.5	82.8	11.3	26.1	4.0	17.6	17.3	
1950	26.5	—	—	140.2	77.5	146.7	19.1	68.3	96.6	1948	171.3	.2	7.6	82.3	11.6	27.9	4.3	18.4	19.0	
1951	27.7	—	—	146.1	82.7	150.5	20.6	70.6	101.1	1949	162.2	.2	7.4	74.3	10.5	28.0	4.4	18.1	19.3	
<i>Maine</i>																				
1947	262.0	.5	11.8	114.5	20.0	46.8	6.3	24.4	37.8	1947	161.5	4.0	67.6	775.3	142.1	262.7	54.1	152.8	154.9	
1948	264.7	.6	11.4	113.0	20.0	49.2	6.7	24.4	39.4	1948	1645.8	4.1	77.1	776.7	140.9	272.8	57.6	158.2	158.4	
1949	251.3	.6	8.7	105.0	18.9	48.7	6.4	24.5	38.6	1949	1568.5	4.0	72.2	702.9	134.3	271.2	57.1	161.9	164.9	
1950	253.1	.6	8.6	108.4	18.8	48.8	6.6	24.1	37.2	1950	166.3	.2	6.8	78.3	10.4	28.4	4.4	18.2	19.6	
1951	271.6	.6	12.1	116.5	19.2	49.7	6.8	25.2	41.5	1951	171.9	.3	6.8	82.8	10.5	28.6	4.5	18.3	20.1	
<i>Maryland</i>																				
1947	670.8	3.6	46.5	230.3	75.8	123.3	26.0	83.1	82.3	1947	1,613.5	4.0	67.6	775.3	142.1	262.7	54.1	152.8	154.9	
1948	703.4	3.4	53.2	231.8	77.5	125.2	28.4	97.7	86.3	1948	1,645.8	4.1	77.1	776.7	140.9	272.8	57.6	158.2	158.4	
1949	676.2	2.4	46.1	219.0	71.4	146.0	28.1	71.8	91.5	1949	1,568.5	4.0	72.2	724.5	134.8	272.4	57.9	165.5	170.4	
1950	693.3	2.3	52.2	225.2	69.8	146.0	29.8	74.3	93.6	1950	1,606.0	3.7	76.8	765.4	139.8	275.0	59.0	167.1	183.4	
1951	741.4	2.6	55.4	254.4	72.7	147.3	30.7	76.1	102.3	1951	1,679.2	3.9	85.5	—	—	—	—	—	—	
<i>Massachusetts</i>																				
1947	1,701.5	(4)	63.4	721.9	126.7	355.9	71.9	185.7	176.0	1947	121.7	10.6	10.5	9.0	16.1	27.2	2.3	19.8	26.2	
1948	1,737.2	(4)	69.4	720.6	129.0	363.2	74.4	188.8	191.8	1948	133.3	11.5	12.5	9.9	15.6	30.1	3.0	22.1	28.6	
1949	1,687.3	(4)	65.6	673.9	123.7	358.6	74.9	188.5	202.1	1949	139.9	10.4	14.9	10.7	15.4	31.5	3.5	22.4	31.1	
1950	1,734.2	(4)	73.0	701.3	124.3	361.3	77.3	190.3	206.7	1950	150.5	10.5	16.4	12.2	16.3	34.6	4.6	22.5	33.4	
1951	1,800.7	(4)	71.7	735.4	127.3	366.6	81.8	193.0	224.8	1951	159.0	12.2	16.1	13.8	17.4	36.8	4.5	22.0	36.2	
<i>Michigan</i>																				
1950	—	—	—	1,063.2	—	—	—	—	222.4	1947	863.7	3.0	40.2	411.8	52.6	155.8	18.4	83.5	98.4	
1951	—	—	—	1,110.4	—	—	—	—	231.6	1948	878.7	2.9	43.1	414.8	53.8	161.6	19.6	84.7	98.2	
<i>Minnesota</i>																				
1947	770.6	14.5	37.0	199.5	83.3	200.7	32.6	92.4	110.5	1949	852.1	2.9	40.7	387.1	52.4	160.7	20.1	83.8	104.4	
1948	793.1	15.8	38.3	197.0	88.6	215.1	33.5	95.3	109.5	1950	910.7	3.4	48.0	418.3	54.9	168.8	21.6	84.1	111.6	
1949	773.4	15.2	34.7	186.4	85.1	210.7	34.7	95.8	110.7	1951	970.2	3.5	66.2	432.2	59.1	181.5	22.7	86.4	118.6	
1950	795.3	16.4	39.3	194.9	87.8	208.9	35.7	95.9	116.4	1947	99.0	.8	4.7	6.1	13.3	32.6	3.0	12.7	25.8	
1951	826.3	17.6	43.0	206.6	94.5	210.4	37.1	97.1	120.1	1948	105.9	.8	6.8	6.1	13.7	35.4	3.2	12.7	27.2	
<i>Mississippi</i>																				
1950	—	—	—	86.4	26.2	—	7.8	—	64.3	1949	108.6	.8	7.8	5.9	13.7	36.2	3.5	12.8	27.9	
1951	—	—	—	93.5	26.6	—	7.5	—	67.0	1950	111.8	.8	8.1	5.9	13.9	36.5	3.8	13.3	29.5	
1951	—	—	—	—	—	—	—	—	—	1951	113.7	.9	8.8	6.0	14.1	36.2	3.8	12.9	31.0	

See footnotes at end of table.

TABLE A-2: Number of employees in nonagricultural establishments, by industry division, by State, annual averages, 1947-51¹—Continued

[In thousands]

Year	Total	Mining	Contract construction ²	Manufacturing	Transportation and public utilities	Trade	Finance	Service	Government	Year	Total	Mining	Contract construction ²	Manufacturing	Transportation and public utilities	Trade	Finance	Service	Government										
<i>Ohio</i>																													
1950			1,183.6							1947	1,734.0	85.5	128.8	323.6	209.0	462.2	58.6	220.0	246.3										
1951			1,281.0							1948	1,842.0	98.8	145.9	339.6	217.8	496.7	63.1	228.6	251.5										
<i>Oklahoma</i>																													
1947	433.6	40.3	23.3	62.4	45.8	108.3	15.3	55.2	82.9	1949	1,836.1	96.9	131.0	335.9	215.2	494.0	66.4	229.4	267.3										
1948	459.1	43.1	26.8	66.5	49.4	116.7	16.4	54.4	85.9	1950	1,913.1	102.5	138.4	353.2	218.0	515.1	74.8	231.3	279.8										
1949	462.3	42.6	29.6	64.1	49.2	119.0	16.4	51.7	89.7	1951	2,082.9	111.7	168.6	397.9	224.2	552.4	80.7	239.2	308.2										
<i>Oregon</i>																													
1947	417.4	1.2	24.6	132.8	45.7	97.5	13.1	46.2	56.3	1947	179.8	13.2	9.1	26.5	22.0	42.3	5.2	19.9	41.6										
1948	430.9	1.4	25.5	137.4	46.6	100.7	13.8	46.4	59.1	1948	182.7	12.6	11.2	27.5	21.5	42.8	5.5	18.6	43.0										
1949	416.6	1.4	23.2	125.3	45.6	99.1	13.8	45.6	62.6	1949	183.3	12.8	10.7	27.7	21.0	42.8	5.7	19.4	43.2										
1950	435.3	1.3	26.3	135.5	46.5	100.6	14.7	46.6	63.8	1950	187.9	12.3	12.2	28.5	21.0	43.9	6.2	19.6	44.2										
1951	454.1	1.3	27.2	144.6	47.9	104.0	15.2	48.3	65.6	1951	206.9	13.2	13.0	31.3	22.0	46.2	6.4	20.3	54.5										
<i>Pennsylvania</i>																													
1947	3,628.4	203.4	139.7	1,524.5	332.8	650.3	107.2	336.2	334.3	1947	98.7	1.0	4.3	39.8	9.6	16.4	2.7	10.8	14.1										
1948	3,664.0	201.3	152.5	1,520.3	335.5	668.8	112.3	343.8	329.6	1948	98.8	1.1	4.5	37.7	10.1	17.0	2.8	11.0	14.6										
1949	3,475.9	192.5	149.1	1,356.4	322.9	659.1	114.1	347.3	334.5	1949	95.0	1.1	4.4	34.2	9.3	17.7	2.8	10.6	14.9										
1950	3,540.5	179.1	152.5	1,403.3	331.4	669.3	116.0	350.7	338.2	1950	96.4	1.1	3.9	35.7	8.9	17.9	2.8	10.9	15.2										
1951	3,716.3	178.1	167.1	1,494.1	351.8	681.2	119.5	354.3	370.2	1951	100.0	1.2	3.6	39.0	8.8	17.8	3.0	11.2	15.4										
<i>Rhode Island</i>																													
1947	293.8	(4)	9.5	153.2	16.7	49.3	9.2	27.0	28.9	1947	660.0	3.5	38.3	173.5	68.7	158.2	23.6	76.3	117.9										
1948	297.4	(4)	11.6	152.2	17.7	51.0	9.5	26.1	29.3	1948	674.5	3.4	50.3	174.5	66.9	159.4	24.1	77.3	118.6										
1949	279.5	(4)	12.2	134.0	16.5	50.8	9.9	25.8	30.3	1949	658.8	3.2	42.1	169.4	63.3	155.5	24.5	76.6	124.2										
1950	296.4	(4)	14.2	147.2	16.2	52.6	10.7	24.8	30.7	1950	672.1	3.0	42.7	173.9	64.4	157.2	26.1	77.0	127.8										
1951	305.6	(4)	15.9	150.9	16.4	54.2	11.0	24.1	33.1	1951	718.0	2.8	45.4	190.3	67.3	162.6	26.6	80.1	142.9										
<i>South Carolina</i>																													
1947	426.0	1.0	22.5	202.1	25.3	75.4	6.6	35.5	57.6	1948	544.0	138.1	21.0	140.2	56.3	84.5	9.0	40.5	54.4										
1948	446.2	1.1	25.8	210.0	26.0	79.6	7.6	35.9	60.2	1949	510.4	125.1	17.8	127.2	51.3	84.2	9.2	39.7	55.9										
1949	432.9	1.1	21.7	199.5	25.1	80.7	7.7	35.2	61.9	1950	511.3	118.9	18.8	132.3	50.8	85.2	9.5	39.5	56.3										
1950	451.1	1.2	24.3	209.2	25.9	83.6	8.8	36.0	62.1	1951	530.7	124.0	18.2	139.9	54.1	87.0	9.6	41.1	56.8										
1951	488.6	1.2	35.8	218.6	27.4	89.1	10.0	36.7	69.8																				
<i>South Dakota</i>																													
1947	110.3	2.2	5.8	11.3	11.0	34.0	3.6	14.2	28.2	1947	984.5	3.2	37.7	433.1	76.2	199.0	29.5	91.9	113.9										
1948	117.6	2.3	7.6	11.5	11.5	36.6	3.8	14.2	30.1	1948	1,011.9	3.2	42.3	437.1	79.8	207.8	30.2	93.7	117.8										
1949	119.1	2.5	8.1	11.3	11.0	36.7	3.8	14.5	31.2	1949	981.0	3.3	45.5	404.1	76.4	208.9	31.0	93.9	117.9										
1950	122.9	2.6	8.9	11.3	11.0	37.3	3.9	14.5	33.4	1950	1,013.0	3.6	48.5	427.0	75.8	214.1	31.8	93.1	119.1										
1951	123.4	2.2	7.5	11.6	10.9	36.2	4.1	15.6	35.3	1951	1,060.2	3.7	52.2	459.7	76.7	218.1	33.2	93.3	123.3										
<i>Tennessee</i>																													
1947	700.5	13.4	39.6	253.6	59.2	148.0	24.1	69.7	92.9	1947	72.7	8.8	5.7	6.3	14.7	15.4	1.4	8.0	12.4										
1948	735.8	14.5	40.0	259.1	60.5	161.6	24.6	75.9	99.6	1948	79.4	10.2	7.6	6.3	14.0	16.5	1.5	9.5	13.8										
1949	703.6	12.9	36.2	235.8	56.4	160.2	22.3	76.1	103.7	1949	79.1	9.4	7.7	6.0	13.5	17.0	1.6	9.7	14.2										
1950	739.2	12.5	46.2	247.4	58.1	165.1	23.1	76.2	110.6	1950	80.7	9.0	6.8	6.0	15.1	17.0	1.8	9.7	15.3										
1951	781.5	11.8	51.6	264.2	60.8	174.3	24.1	76.1	118.6	1951	83.9	9.8	6.6	6.2	15.9	17.4	1.8	10.0	16.2										

¹ Data were prepared in cooperation with State agencies. They include all full- and part-time employees in nonagricultural establishments who worked during, or received pay for, the pay period ending nearest the fifteenth of the month. Proprietors, self-employed persons, domestic servants, and personnel of the Armed Forces are excluded.

² For difference between the contract construction employment series and the new construction labor requirement series, see Handbook of Labor Statistics, BLS Bulletin 1016, p. 192.

³ Mining combined with construction.

⁴ Mining combined with service.

⁵ Revised series; not comparable with preceding data shown.

COOPERATING STATE AGENCIES:

Alabama—Department of Industrial Relations, Montgomery 5.
 Arizona—Unemployment Compensation Division, Employment Security Commission, Phoenix.
 Arkansas—Employment Security Division, Department of Labor, Little Rock.
 California—Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 1.
 Colorado—Bureau of Labor Statistics, Room 24, New Customhouse, Denver 2.

Connecticut—Employment Security Division, Department of Labor, Hartford 15.
 Delaware—Federal Reserve Bank of Philadelphia, Philadelphia 1, Pa.

District of Columbia—U. S. Employment Service for D. C., Washington 25.

Florida—Industrial Commission, Tallahassee.

Georgia—Employment Security Agency, Department of Labor, Atlanta 3.

Idaho—Employment Security Agency, Boise.
Illinois—State Employment Service and Division of Unemployment Compensation, Chicago 54.
Indiana—Employment Security Division, Indianapolis 9.
Iowa—Employment Security Commission, Des Moines 8.
Kansas—Employment Security Division, Department of Labor, Topeka.
Kentucky—Bureau of Employment Security, Department of Economic Security, Frankfort.
Louisiana—Division of Employment Security, Department of Labor, Baton Rouge 4.
Maine—Employment Security Commission, Augusta.
Maryland—Department of Employment Security, Baltimore 1.
Massachusetts—Division of Statistics, Department of Labor and Industries, Boston 10.
Michigan—Employment Security Commission, Detroit 2.
Minnesota—Division of Employment and Security, St. Paul 1.
Mississippi—Employment Security Commission, Jackson.
Missouri—Division of Employment Security, Jefferson City.
Montana—Unemployment Compensation Commission, Helena.
Nebraska—Division of Employment Security, Department of Labor, Lincoln 1.
Nevada—Employment Security Department, Carson City.
New Hampshire—Division of Employment Security, Department of Labor, Concord.
New Jersey—Department of Labor and Industry, Trenton 8.
New Mexico—Employment Security Commission, Albuquerque.
New York—New York Department of Labor, Division of Employment, Bureau of Research and Statistics, New York 18.
North Carolina—Department of Labor, Raleigh.
North Dakota—Unemployment Compensation Division, Bismarck.
Ohio—Bureau of Unemployment Compensation, Columbus 16.
Oklahoma—Employment Security Commission, Oklahoma City 2.
Oregon—Unemployment Compensation Commission, Salem.
Pennsylvania—Federal Reserve Bank of Philadelphia, Philadelphia 1 (mfg.); Bureau of Research and Information, Department of Labor and Industry, Harrisburg (nonmfg.).
Rhode Island—Department of Labor, Providence 3.
South Carolina—Employment Security Commission, Columbia 1.
South Dakota—Employment Security Department, Aberdeen.
Tennessee—Department of Employment Security, Nashville 3.
Texas—Employment Commission, Austin 19.
Utah—Department of Employment Security, Industrial Commission, Salt Lake City 10.
Vermont—Unemployment Compensation Commission, Montpelier.
Virginia—Division of Research and Statistics, Department of Labor and Industry, Richmond 19.
Washington—Employment Security Department, Olympia.
West Virginia—Department of Employment Security, Charleston 5.
Wisconsin—Industrial Commission, Madison 3.
Wyoming—Employment Security Commission, Casper.

TABLE A-2a: Number of employees in nonagricultural establishments, by industry division, for selected areas,¹ annual averages, 1949-51

[In thousands]

Area and industry	1949	1950	1951	Area and industry	1949	1950	1951
Alabama:				Connecticut—Continued			
Birmingham:				New Britain:			
Mining		17.1	15.8	Total		38.1	41.3
Manufacturing		55.7	57.0	Mining and contract construction		1.0	1.0
Mobile:				Manufacturing		25.9	28.7
Manufacturing			15.6	Transportation and public utilities		1.3	1.4
Arizona:				Wholesale and retail trade		4.7	4.8
Phoenix:				Finance, insurance, and real estate		.5	.5
Total	69.8	73.9	83.1	Service		2.4	2.4
Mining	.1	.2	.2	Government		2.4	2.6
Contract construction	5.7	6.7	7.7	New Haven:			
Manufacturing	7.9	8.2	11.3	Total		110.3	114.6
Transportation and public utilities	8.3	8.9	9.4	Mining and contract construction		5.5	5.7
Wholesale and retail trade	20.7	22.1	23.8	Manufacturing		41.7	44.7
Finance, insurance, and real estate	3.1	3.5	3.9	Transportation and public utilities		13.4	13.3
Service	10.2	10.3	11.3	Wholesale and retail trade		20.7	21.0
Government	13.8	14.1	15.5	Finance, insurance, and real estate		4.8	4.7
Tucson:				Service		17.2	17.7
Total	31.2	32.9	37.3	Government		7.0	7.5
Mining	1.5	1.5	1.6	Stamford:			
Contract construction	2.7	3.2	2.9	Total		43.6	46.2
Manufacturing	1.7	1.9	2.3	Mining and contract construction		3.1	3.3
Transportation and public utilities	4.7	4.8	5.0	Manufacturing		19.7	21.4
Wholesale and retail trade	8.1	8.2	8.5	Transportation and public utilities		2.4	2.5
Finance, insurance, and real estate	1.0	1.0	1.1	Wholesale and retail trade		8.0	8.3
Service	5.2	6.0	9.4	Finance, insurance, and real estate		1.3	1.3
Government	6.3	6.4	6.5	Service		5.8	5.9
Arkansas:				Government		3.4	3.4
Little Rock-N. Little Rock:				Waterbury:			
Total	61.1	63.3	65.9	Total		62.8	67.4
Contract construction	4.9	5.6	6.7	Mining and contract construction		2.1	2.2
Manufacturing	10.6	11.3	12.3	Manufacturing		40.6	44.3
Transportation and public utilities	6.5	6.7	6.8	Transportation and public utilities		2.5	2.6
Wholesale and retail trade	16.9	17.4	17.2	Wholesale and retail trade		8.5	8.7
Finance, insurance, and real estate	3.2	3.5	3.6	Finance, insurance, and real estate		1.0	1.0
Mining and service	8.3	8.4	8.7	Service		3.9	4.1
Government	10.8	10.6	10.7	Government		4.2	4.4
California:				District of Columbia:			
Los Angeles:				Total	561.9	574.3	616.9
Total	1,391.2	1,461.7	1,607.2	Contract construction	32.8	39.6	39.4
Mining	15.0	14.3	15.6	Manufacturing	21.9	22.6	25.4
Contract construction	88.3	102.1	107.8	Transportation and public utilities	40.3	40.0	42.9
Manufacturing	383.0	422.4	505.4	Wholesale and retail trade	114.9	117.6	122.9
Transportation and public utilities	107.0	107.1	116.7	Finance, insurance, and real estate	26.6	28.3	29.5
Wholesale and retail trade	349.7	357.4	371.6	Mining and service	73.9	74.2	75.7
Finance, insurance, and real estate	67.3	73.0	75.9	Government	251.5	252.0	281.1
Service	208.0	209.6	222.5				
Government	172.9	175.9	191.8				
Sacramento:							
Manufacturing	8.9	9.1	9.8	Florida:			
San Diego:				Jacksonville:			
Manufacturing	23.7	24.7	39.0	Manufacturing	13.7	14.7	17.7
San Francisco-Oakland:				Transportation and public utilities	14.4	14.4	14.9
Manufacturing	157.7	164.1	178.3	Wholesale and retail trade	30.2	30.2	30.7
San Jose:				Finance, insurance, and real estate	5.4	5.9	5.9
Manufacturing	20.9	21.3	25.6	Mining and service	11.3	11.5	11.7
Stockton:				Government	12.9	13.1	14.2
Manufacturing	9.6	10.5	12.7	Miami:			
Colorado:				Manufacturing	12.2	14.7	14.9
Denver:				Transportation and public utilities	20.6	20.4	22.3
Mining	1.0	1.0	1.0	Wholesale and retail trade	46.0	48.6	50.5
Contract construction	12.3	14.7	19.5	Finance, insurance, and real estate	7.7	8.4	8.3
Manufacturing	34.5	37.3	42.2	Mining and service	27.0	29.2	32.0
Transportation and public utilities	23.9	24.1	25.8	Government	16.0	16.3	16.6
Wholesale and retail trade	53.9	55.5	58.2	Tampa-St. Petersburg:			
Finance, insurance, and real estate	8.5	9.6	10.2	Total	97.7	105.0	110.1
Connecticut:				Contract construction	8.3	11.2	12.0
Bridgeport:				Manufacturing	19.6	20.5	21.0
Total	104.3	114.2		Transportation and public utilities	8.9	9.5	10.5
Mining and contract construction	4.9	5.4		Wholesale and retail trade	31.9	33.7	34.7
Manufacturing	58.1	66.6		Finance, insurance, and real estate	4.2	4.3	4.4
Transportation and public utilities	5.0	5.1		Mining and service	13.0	13.8	14.7
Wholesale and retail trade	17.7	17.8		Government	12.0	12.2	13.0
Finance, insurance, and real estate	2.2	2.2					
Service	9.3	9.5					
Government	7.2	7.5					
Hartford:							
Total	172.3	188.8		Georgia:			
Mining and contract construction	8.6	8.9		Atlanta:			
Manufacturing	62.3	76.6		Total	247.7	254.7	271.7
Transportation and public utilities	7.0	7.2		Contract construction	13.9	16.3	18.7
Wholesale and retail trade	36.0	36.8		Manufacturing	57.7	60.0	66.5
Finance, insurance, and real estate	23.2	23.7		Transportation and public utilities	28.5	29.0	30.9
Service	18.9	19.4		Wholesale and retail trade	71.9	72.5	75.3
Government	16.4	16.3		Finance, insurance, and real estate	14.7	15.6	16.6

See footnotes at end of table.

TABLE A-2a: Number of employees in nonagricultural establishments, by industry division, for selected areas,¹ annual averages, 1949-51—Continued

[In thousands]

Area and industry	1949	1950	1951	Area and industry	1949	1950	1951
Georgia—Continued				Maryland—Continued			
Savannah—Continued				Baltimore—Continued			
Transportation and public utilities.....	6.5	6.8	7.4	Transportation and public utilities.....	54.7	52.6	54.2
Wholesale and retail trade.....	9.6	10.1	10.3	Wholesale and retail trade.....	103.2	102.3	103.3
Finance, insurance, and real estate.....	1.3	1.4	1.4	Finance, insurance, and real estate.....	22.1	23.1	23.9
Mining and service.....	4.9	4.9	5.3	Service.....	51.3	52.9	54.5
Government.....	4.3	4.4	4.7	Government.....	50.7	52.0	55.7
Idaho:				Massachusetts:			
Boise:				Boston:			
Contract construction.....			2.1	Manufacturing.....	273.0	281.9	303.6
Manufacturing.....			1.4	Fall River:			
Transportation and public utilities.....			2.6	Manufacturing.....	27.8	29.2	30.6
Wholesale and retail trade.....			6.1	New Bedford:			
Finance, insurance, and real estate.....			1.2	Manufacturing.....	29.4	32.8	35.2
Service.....			2.9	Springfield-Holyoke:			
Illinois:				Manufacturing.....	68.4	73.9	76.7
Davenport-Rock Island-Moline:				Worcester:			
Manufacturing.....		37.5	43.2	Manufacturing.....	47.8	51.0	55.2
Peoria:				Michigan:			
Manufacturing.....		44.1	44.5	Detroit:			
Rockford:				Manufacturing.....	628.2	654.2	
Manufacturing.....		36.9	39.8	Minnesota:			
Indiana:				Duluth:			
Evansville:				Total.....	39.6	41.2	41.0
Total.....		61.0	61.7	Contract construction.....	1.9	2.2	2.2
Manufacturing.....		29.9	30.9	Manufacturing.....	10.4	11.3	10.7
Nonmanufacturing.....		31.1	30.8	Transportation and public utilities.....	6.4	6.7	7.0
Fort Wayne:				Wholesale and retail trade.....	10.5	10.5	10.4
Total.....	67.9	73.3	79.8	Finance, insurance, and real estate.....	1.4	1.4	1.4
Manufacturing.....	32.9	37.2	42.6	Mining and service.....	5.1	5.1	5.3
Nonmanufacturing.....	35.0	36.1	37.2	Government.....	4.0	4.1	4.1
Indianapolis:				Minneapolis:			
Total.....	236.3	249.2	272.4	Total.....	245.4	249.7	259.4
Contract construction.....	10.8	12.2	13.7	Contract construction.....	12.4	14.0	15.7
Manufacturing.....	87.0	95.5	112.5	Manufacturing.....	62.5	66.4	72.1
Transportation and public utilities.....	22.6	24.3	25.5	Transportation and public utilities.....	25.6	25.4	26.1
Wholesale and retail trade.....	57.7	58.7	60.9	Wholesale and retail trade.....	77.2	76.2	76.2
Finance, insurance, and real estate.....	12.7	13.1	13.8	Finance, insurance, and real estate.....	15.7	16.2	17.0
Mining, service, and government.....	45.5	45.4	45.9	Mining and service.....	28.5	28.5	28.7
Iowa:				Government.....	23.5	23.0	23.8
Des Moines:				St. Paul:			
Manufacturing.....	18.6	18.9	22.0	Total.....	136.4	141.5	144.7
Kansas:				Contract construction.....	6.1	7.3	7.4
Topeka:				Manufacturing.....	35.9	40.9	41.5
Total.....	38.9	38.8	42.4	Transportation and public utilities.....	19.6	20.0	20.6
Mining.....	.1	.2	.2	Wholesale and retail trade.....	34.3	35.0	35.5
Contract construction.....	1.8	1.8	2.6	Finance, insurance, and real estate.....	8.2	8.3	8.5
Manufacturing.....	6.3	6.2	6.1	Mining and service.....	14.0	14.1	14.8
Transportation and public utilities.....	6.9	7.0	7.7	Government.....	15.3	16.1	16.4
Wholesale and retail trade.....	8.2	8.3	9.0	Mississippi:			
Finance, insurance, and real estate.....	1.9	1.9	1.9	Jackson:			
Service.....	4.6	4.4	4.5	Manufacturing.....		8.0	8.3
Government.....	9.1	9.1	10.4	Missouri:			
Wichita:				Kansas City:			
Total.....	77.0	81.6	103.6	Total.....	311.9	327.0	351.5
Mining.....	1.8	1.8	2.0	Mining.....	.7	.7	.8
Contract construction.....	4.3	4.9	5.8	Contract construction.....	15.4	16.7	22.5
Manufacturing.....	23.6	26.6	44.9	Manufacturing.....	84.0	90.0	100.0
Transportation and public utilities.....	6.9	6.8	6.9	Transportation and public utilities.....	40.2	41.3	43.4
Wholesale and retail trade.....	21.4	21.8	23.2	Wholesale and retail trade.....	89.1	93.5	97.4
Finance, insurance, and real estate.....	3.5	3.6	3.8	Finance, insurance, and real estate.....	18.1	18.9	19.7
Service.....	9.2	9.5	10.0	Service.....	37.0	38.1	38.4
Government.....	6.5	6.9	7.3	Government.....	27.3	27.7	29.4
Louisiana:				St. Louis:			
Baton Rouge:				Manufacturing.....		259.9	274.1
Manufacturing.....		16.3	17.8	Montana:			
Finance, insurance, and real estate.....		1.4	1.5	Great Falls:			
New Orleans:				Manufacturing.....		3.1	2.8
Manufacturing.....	45.5	45.1	47.6	Transportation and public utilities.....		2.4	2.6
Maine:				Wholesale and retail trade.....		5.7	5.4
Portland:				Mining, finance, and service.....		3.2	3.0
Total.....	45.0	45.8	48.4	Nebraska:			
Contract construction.....	2.1	2.4	2.9	Omaha:			
Manufacturing.....	11.5	11.6	12.1	Total.....		134.0	138.9
Transportation and public utilities.....	5.6	5.5	5.8	Contract construction.....		7.2	7.1
Wholesale and retail trade.....	12.5	13.0	13.9	Manufacturing.....		29.2	31.1
Finance, insurance, and real estate.....	2.3	2.6	2.8	Transportation and public utilities.....		21.8	23.0
Mining and service.....	7.7	7.5	7.5	Wholesale and retail trade.....		35.8	36.6
Government.....	3.3	3.2	3.4	Finance, insurance, and real estate.....		9.9	10.0
Maryland:				Mining and service.....		17.0	17.2
Baltimore:				Government.....		13.2	14.0
Total.....	474.7	486.2	520.4	Nevada:			
Mining.....	.4	.5	.5	Reno:			
Contract construction.....	29.5	33.5	37.3	Contract construction.....	1.5	1.7	1.6
Manufacturing.....	162.8	169.3	191.1	Mining and manufacturing.....	1.3	1.5	1.7

See footnotes at end of table.

TABLE A-2a: Number of employees in nonagricultural establishments, by industry division, for selected areas,¹ annual averages, 1949-51—Continued

[In thousands]

Area and industry	1949	1950	1951	Area and industry	1949	1950	1951
Nevada—Continued				Oklahoma—Continued			
Reno—Continued				Oklahoma City—Continued			
Transportation and public utilities	2.8	2.9	3.0	Contract construction		10.2	10.9
Wholesale and retail trade	5.1	5.0	5.3	Manufacturing	13.3	13.3	14.9
Finance, insurance, and real estate	.7	.6	.6	Transportation and public utilities		10.6	11.2
Service	4.6	4.6	4.9	Wholesale and retail trade		34.4	35.6
New Hampshire:				Finance, insurance, and real estate		6.8	7.0
Manchester:				Service		13.4	14.6
Total	37.9	39.3	40.7	Government		22.3	31.3
Contract construction	1.5	1.6	1.6	Tulsa:			
Manufacturing	18.6	19.9	21.1	Total		88.5	97.9
Transportation and public utilities	2.2	2.2	2.3	Mining		9.3	9.7
Wholesale and retail trade	7.6	7.5	7.3	Contract construction		6.8	6.9
Finance, insurance, and real estate	1.5	1.6	1.7	Manufacturing	16.6	17.2	21.5
Service	3.9	4.1	4.2	Transportation and public utilities		11.0	11.8
New Jersey:				Wholesale and retail trade		23.8	25.7
Newark-Jersey City: ²				Finance, insurance, and real estate		4.4	4.5
Manufacturing	329.0	341.8	364.2	Service		10.6	12.2
Paterson: ²				Government		5.5	5.7
Manufacturing	144.9	150.4	162.0	Oregon:			
Perth Amboy: ²				Portland:			
Manufacturing	71.7	74.9	76.8	Contract construction		13.8	14.6
Trenton:				Manufacturing	52.1	55.7	60.4
Manufacturing	40.9	43.6	44.4	Transportation and public utilities		30.1	30.8
New Mexico:				Wholesale and retail trade		58.9	60.4
Albuquerque:				Pennsylvania:			
Total			46.5	Allentown-Bethlehem-Easton:			
Construction	5.4	6.2	5.7	Manufacturing	90.6	94.3	102.9
Manufacturing	4.0	5.1	6.7	Erie:			
Transportation	4.2	4.5	4.8	Manufacturing	42.6	45.4	49.0
Wholesale and retail trade	9.8	11.4	11.9	Harrisburg:			
Finance, insurance, and real estate	1.7	2.4	2.5	Manufacturing	31.1	31.6	34.4
Mining and service	6.1	6.3	6.3	Lancaster:			
Government			8.6	Manufacturing	41.9	41.5	43.1
New York:				Philadelphia:			
Albany-Schenectady-Troy:				Manufacturing	534.4	546.3	581.2
Manufacturing	78.3	76.8	86.1	Pittsburgh:			
Binghamton:				Mining	31.7	30.3	32.9
Manufacturing	36.4	36.4	38.9	Manufacturing	325.7	338.8	372.1
Buffalo:				Transportation and public utilities	70.6	71.9	75.5
Manufacturing	170.2	183.0	200.0	Finance, insurance, and real estate	25.2	26.1	27.2
Elmira:				Reading:			
Manufacturing	13.2	14.9	17.0	Manufacturing	53.2	55.2	55.3
Nassau and Suffolk Counties: ²				Schroon:			
Manufacturing	43.5	48.5	66.0	Manufacturing	27.1	29.4	29.8
New York-Northeastern New Jersey:				Wilkes-Barre-Hazleton:			
Manufacturing	1,606.2	1,664.5	1,736.6	Manufacturing	37.2	37.3	38.3
New York City: ²				York:			
Total	3,528.2	3,593.3		Manufacturing	39.5	44.3	44.7
Mining	1.8	1.8		Rhode Island:			
Contract construction	110.2	122.4	116.4	Providence:			
Manufacturing	966.5	994.6	1,010.4	Total	270.7	283.1	291.6
Transportation and public utilities		328.4	339.8	Contract construction	10.5	12.4	14.1
Wholesale and retail trade	840.2	832.7	838.8	Manufacturing	138.7	149.3	152.6
Finance, insurance, and real estate		329.3	333.9	Transportation and public utilities	14.8	14.1	13.7
Service		535.4	548.6	Wholesale and retail trade	47.7	48.7	50.4
Government		383.7	403.8	Finance, insurance, and real estate	9.7	10.3	10.5
Rochester:				Mining and service	23.5	22.2	21.6
Manufacturing	98.1	99.8	107.0	Government	25.8	26.1	28.9
Syracuse:				South Carolina:			
Manufacturing	48.7	52.4	59.7	Charleston:			
Utica-Rome:				Manufacturing	8.8	8.7	9.2
Manufacturing	41.5	44.1	45.2	Transportation and public utilities		4.1	4.3
Westchester County: ²				Columbia:			
Manufacturing	42.3	45.0	46.8	Manufacturing	6.8	7.4	7.6
North Carolina:				Greenville:			
Charlotte:				Manufacturing	27.1	28.0	28.5
Contract construction				Sioux Falls:			
Manufacturing	19.8	21.5	22.2	Manufacturing		5.0	5.3
Transportation and public utilities		9.8	10.7	Wholesale and retail trade		7.2	
Wholesale and retail trade		21.9	22.9	Finance, insurance, and real estate		1.2	
Finance, insurance, and real estate		4.2	4.4	Tennessee:			
North Dakota:				Chattanooga:			
Fargo:				Mining	.1	.2	.2
Manufacturing		2.0	2.0	Manufacturing	35.9	39.4	42.1
Transportation and public utilities		2.2	2.3	Transportation and public utilities	4.9	4.7	4.9
Wholesale and retail trade		7.3	7.1	Wholesale and retail trade	14.9	16.2	17.4
Finance, insurance, and real estate		1.1	1.1	Finance, insurance, and real estate	2.5	2.7	2.9
Service		2.7	2.7	Service	9.4	9.5	9.5
Government		2.6	2.6	Government	7.0	7.7	7.8
Oklahoma:				Knoxville:			
Oklahoma City:				Mining	2.6	2.6	2.7
Total	116.6	131.4		Manufacturing	35.3	37.1	41.3
Mining	5.7	5.9		Transportation and public utilities	6.6	7.1	7.1

See footnotes at end of table.

TABLE A-2a: Number of employees in nonagricultural establishments, by industry division, for selected areas,¹ annual averages, 1949-51—Continued

[In thousands]

Area and industry	1949	1950	1951	Area and industry	1949	1950	1951
Tennessee—Continued				Washington:			
Knoxville—Continued				Seattle:			
Wholesale and retail trade	21.0	21.5	21.5	Total	243.4	244.6	265.3
Finance, insurance, and real estate	3.7	3.6	3.6	Contract construction	12.1	13.4	13.2
Service	9.0	9.1	9.3	Manufacturing	62.3	59.9	70.4
Government	12.5	12.3	12.8	Transportation and public utilities	25.6	26.5	27.9
Memphis:				Wholesale and retail trade	63.7	64.8	67.8
Mining	.4	.3	.4	Finance, insurance, and real estate	13.5	14.2	14.7
Manufacturing	38.8	39.1	41.5	Mining and service	32.9	32.4	33.6
Transportation and public utilities	16.2	15.3	15.4	Government	33.3	33.4	37.7
Wholesale and retail trade	44.3	46.4	48.3	Spokane:			
Finance, insurance, and real estate	5.6	6.8	7.6	Total	62.5	64.1	67.2
Service	22.6	22.8	22.5	Contract construction	4.0	3.8	4.9
Government	13.1	14.4	19.3	Manufacturing	11.7	12.7	13.5
Nashville:				Transportation and public utilities	10.3	10.5	10.8
Manufacturing	31.5	33.5	34.8	Wholesale and retail trade	17.3	17.8	18.2
Transportation and public utilities	10.7	11.2	11.5	Finance, insurance, and real estate	2.7	3.0	2.9
Wholesale and retail trade	23.1	24.3	24.1	Mining and service	9.2	9.2	9.4
Finance, insurance, and real estate	5.4	5.8	6.1	Government	7.2	6.9	7.5
Service	14.1	14.3	14.0	Tacoma:			
Government	13.0	13.1	13.1	Total	63.5	67.8	71.7
Utah:				Contract construction	3.7	4.4	4.2
Salt Lake City:				Manufacturing	17.4	18.4	18.2
Mining	5.4	5.8	6.1	Transportation and public utilities	6.3	6.4	6.4
Contract construction	6.4	7.4	7.6	Wholesale and retail trade	13.8	14.5	15.0
Manufacturing	13.1	13.5	14.6	Finance, insurance, and real estate	2.2	2.5	2.4
Transportation and public utilities (excluding interstate railroads)	6.9	6.7	7.1	Mining and service	6.8	6.6	7.2
Wholesale and retail trade	26.2	27.1	28.3	Government	13.4	14.7	18.3
Finance, insurance, and real estate	4.3	4.7	4.8	West Virginia:			
Service				Charleston:			
Burlington:				Total	96.1	95.4	97.7
Total			16.1	Mining	22.6	22.1	21.5
Manufacturing	4.8	5.3	5.6	Contract construction	5.0	5.0	3.9
Transportation and public utilities			1.1	Manufacturing	24.9	25.3	28.2
Wholesale and retail trade			4.3	Transportation and public utilities	8.6	8.5	9.1
Service			2.0	Wholesale and retail trade	16.9	16.5	16.6
Contract construction, finance, and government			3.1	Finance, insurance, and real estate	2.5	2.6	2.7
				Service	7.5	7.0	7.0
				Government	8.4	8.4	8.7
				Wisconsin:			
				Milwaukee:			
				Manufacturing	170.2	179.8	196.2
				Racine:			
				Manufacturing	22.9	22.6	24.5

¹ Data were prepared in cooperation with State agencies. They include all full- and part-time employees in nonagricultural establishments who worked during, or received pay for, the pay period ending nearest the fifteenth of the month. Proprietors, self-employed persons, domestic

servants, and personnel of the Armed Forces are excluded. See table A-2 for addresses of cooperating State agencies.

² Subarea of New York-Northeastern New Jersey.

³ Revised series; not strictly comparable with preceding data shown.

TABLE A-11: Estimated number of hired farm workers, 1951

[In thousands]

Month	United States	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
1951: Average.....	2,223	66	151	237	230	478	355	344	125	237
1951: January.....	957	35	86	114	93	196	130	132	43	128
February.....	1,198	38	95	132	104	324	180	149	52	124
March.....	1,672	53	104	171	141	446	298	234	63	162
April.....	1,858	61	123	205	154	441	286	323	86	179
May.....	2,263	73	160	242	209	474	300	396	140	269
June.....	3,060	80	193	320	355	844	389	370	181	328
July.....	3,426	80	219	384	478	867	365	500	189	344
August.....	3,356	95	252	340	411	685	489	505	193	386
September.....	3,621	112	219	377	328	521	824	658	202	380
October.....	2,772	82	170	281	250	434	612	518	170	255
November.....	1,657	52	106	177	140	325	302	264	114	177
December.....	836	33	86	104	94	173	87	81	62	116

TABLE A-12: Estimated total farm wages, 1950

[In millions]

Year	Total farm wages	Cash wages	Value of perquisites
1950.....	\$2,858	\$2,348	\$510

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics, Farm Income Situation, July-September 1951.

TABLE A-13: Estimated total labor force classified by employment status, 1951

[In thousands]

Period	Total labor force ¹	Civilian labor force	Employment	Unemployment
1951: Average.....	65,832	62,884	61,005	1,879
1951: January.....	63,759	61,514	59,010	2,503
February.....	63,868	61,313	58,905	2,407
March.....	64,956	62,325	60,179	2,147
April.....	64,577	61,789	60,044	1,744
May.....	65,728	62,803	61,193	1,609
June.....	66,800	63,783	61,803	1,980
July.....	67,477	64,382	62,526	1,856
August.....	67,371	64,208	62,630	1,578
September.....	66,396	63,186	61,580	1,606
October.....	66,662	63,452	61,836	1,616
November.....	66,422	63,164	61,336	1,828
December.....	65,973	62,688	61,014	1,674

¹ Total labor force consists of the civilian labor force and the Armed Forces. However, about 150,000 persons in the Armed Forces in April 1940 who were stationed outside continental U. S. and who were not enumerated in the 1940 Census of Population are excluded from the total labor force. Figures since 1940 have correspondingly been reduced by 150,000 for purposes of comparability. For explanation of differences between Census Armed Forces totals and those of the Bureau of Labor Statistics, see table A-10, footnote 1. Individual figures do not necessarily add to the group totals because of rounding.

Source: U. S. Department of Labor, Bureau of Labor Statistics (1929-39 figures), and U. S. Department of Commerce, Bureau of the Census.

TABLE A-14: Insured unemployment under State unemployment insurance programs and veterans' unemployment allowance claims, 1945-51

[In thousands]

Period	Volume of		Period	Volume of	
	Insured unemployment ¹	Veterans' unemployment claims ^{2,3}		Insured unemployment ¹	Veterans' unemployment claims ^{2,3}
1945 monthly average.....		524	1948: April.....	1,089	2,323
1946 monthly average.....	1,320	6,187	May.....	1,058	1,727
1947 monthly average.....	1,008	3,268	June.....	1,029	1,716
1948 monthly average.....	1,003	1,879	July.....	997	1,720
1949 monthly average.....	1,973	1,670	August.....	922	1,741
1950 monthly average.....	1,497	136	September.....	831	1,477
1951 monthly average.....	966	9	October.....	813	1,017
1945: January.....		123	November.....	944	1,124
February.....		127	December.....	1,211	1,578
March.....		142	1949: January.....	1,626	2,206
April.....		136	February.....	1,836	2,551
May.....		144	March.....	1,940	3,130
June.....		160	April.....	1,968	2,608
July.....	251	203	May.....	2,035	2,358
August.....	350	261	June.....	2,062	2,486
September.....	1,187	400	1950: January.....	2,111	4,2,569
October.....	1,478	774	February.....	2,140	936
November.....	1,524	1,415	March.....	1,886	385
December.....	1,594	2,401	October.....	1,856	265
1946: January.....	1,840	4,594	November.....	2,020	268
February.....	1,878	5,846	December.....	2,200	280
March.....	1,799	7,353	1950: January.....	2,381	289
April.....	1,552	7,685	February.....	2,326	258
May.....	1,478	7,690	March.....	2,112	275
June.....	1,373	6,982	April.....	1,909	187
July.....	1,236	7,828	May.....	1,700	160
August.....	1,042	7,148	June.....	1,521	128
September.....	938	6,128	1951: January.....	1,388	112
October.....	911	4,900	February.....	1,063	92
November.....	869	3,743	March.....	846	55
December.....	920	4,345	October.....	783	30
1947: January.....	1,119	5,242	November.....	895	24
February.....	1,139	4,504	December.....	1,045	25
March.....	1,123	4,424	1951: January.....	1,145	27
April.....	1,123	3,913	February.....	1,025	19
May.....	1,142	3,173	March.....	904	15
June.....	1,150	3,021	April.....	932	9
July.....	1,156	3,446	May.....	950	6
August.....	1,029	3,023	June.....	935	5
September.....	850	2,663	July.....	1,002	5
October.....	751	1,939	August.....	939	5
November.....	733	1,609	September.....	860	3
December.....	778	2,241	October.....	853	3
1948: January.....	980	2,553	November.....	940	3
February.....	1,092	2,637	December.....	1,102	3
March.....	1,071	2,930			

¹ Prior to August 1950, data represent averages of weeks ended in specified year or month; for subsequent periods the averages are based on weekly data adjusted for split weeks in the period and are not strictly comparable with earlier data.

² Includes Alaska, Hawaii, Puerto Rico, Canal Zone, and Guam-Samoa.

³ The monthly average of veterans' unemployment allowance claims totaled 58,000 for September-December 1944.

⁴ Most veterans became ineligible for veterans' unemployment allowances after July 25, 1949.

Source: U. S. Department of Labor, Bureau of Employment Security.

NOTE: Annual figures differ from those shown in the 1950 supplement to the Handbook of Labor Statistics in that they are monthly averages, rather than a summation of monthly claims.

TABLE A-15: Number of nonagricultural placements by Federal and State employment offices, 1951¹

[In thousands]

Period	Number ²	Period	Number ²
1951: Total.....	6,522	1951: June.....	582
1951: January.....	484	July.....	583
February.....	436	August.....	625
March.....	511	September.....	618
April.....	549	October.....	607
May.....	607	November.....	496
		December.....	424

¹ Placements by Federal-State public employment offices.

² Excluded are placements in the forestry and fishing industries through 1939. Placements in Alaska and Hawaii are included through 1939.

Source: U. S. Department of Labor, Bureau of Employment Security.

Section B: Labor Turn-Over

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries,
1951¹

MANUFACTURING

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation				
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary
Manufacturing																		
1951: January	5.2	4.1	2.1	0.3	1.0	0.7	5.7	4.4	2.2	0.4	1.1	0.7	2.2	3.4	0.9	0.2	1.7	0.6
February	4.5	3.8	2.1	.3	.8	.6	5.0	3.9	2.2	.4	.7	.6	2.8	1.7	1.0	.2	.2	.3
March	4.6	4.1	2.5	.3	.8	.5	5.1	4.4	2.7	.4	.7	.6	3.3	2.3	1.3	.4	.3	.3
April	4.5	4.6	2.7	.4	1.0	.5	5.1	4.9	3.0	.4	1.0	.5	3.4	3.3	1.6	.3	1.1	.3
May	4.5	4.8	2.8	.4	1.2	.4	5.0	4.9	3.0	.4	1.1	.4	3.8	2.1	1.5	.3	.1	.2
June	4.9	4.3	2.5	.4	1.0	.4	5.1	4.5	2.7	.4	1.0	.4	5.5	2.7	1.8	.4	.3	.2
July	4.2	4.7	2.4	.3	1.3	.4	4.3	4.7	2.4	.4	1.4	.5	3.1	2.4	1.5	.3	.3	.3
August	4.5	5.3	3.1	.4	1.4	.4	4.7	5.4	3.2	.4	1.3	.5	5.0	3.4	2.4	.5	.3	.2
September	4.3	5.1	3.1	.3	1.3	.4	4.5	5.2	3.2	.4	1.2	.4	2.8	3.2	2.4	.4	.2	.2
October	4.4	4.7	2.5	.4	1.4	.4	4.8	4.6	2.6	.4	1.2	.4	3.2	2.6	1.6	.3	.4	.3
November	3.9	4.3	1.9	.3	1.7	.4	3.9	4.2	1.9	.4	1.5	.4	4.3	2.8	1.5	.3	.7	.3
December	3.0	3.5	1.4	.3	1.5	.3	3.1	3.7	1.5	.3	1.5	.4	2.2	2.7	1.1	.2	1.2	.2
Lumber and wood products (except furniture)																		
1951: January	5.3	6.0	2.9	0.3	2.1	0.7	12.3	15.6	5.8	0.4	8.8	0.6	4.7	5.1	2.6	0.2	1.8	0.5
February	4.4	5.2	2.9	.2	1.6	.5	7.8	10.2	6.8	.3	1.8	1.3	4.1	4.8	2.5	.2	1.8	.3
March	5.2	5.1	3.5	.2	1.0	.4	11.9	11.1	7.6	.6	2.6	.3	5.0	4.8	3.2	.2	1.1	.3
April	6.7	6.3	4.9	.4	.8	.2	15.9	14.9	11.6	.7	2.1	.5	6.4	5.5	4.5	.3	.5	.2
May	6.8	6.6	5.0	.4	.9	.3	17.9	16.3	15.0	.4	.7	.2	6.7	6.6	5.0	.4	.9	.3
June	6.6	6.4	4.8	.5	.9	.2	12.0	11.2	9.2	1.0	.9	.1	6.4	5.9	4.6	.4	.7	.2
July	5.2	7.0	4.3	.3	2.0	.4	8.4	7.5	5.8	.2	.6	.9	5.7	6.6	4.5	.4	1.5	.2
August	6.0	7.5	5.3	.4	1.4	.4	8.4	9.3	7.7	.5	.8	.3	6.4	7.2	5.4	.4	1.0	.4
September	6.0	6.9	5.1	.4	1.1	.3	12.7	10.9	6.5	.4	3.7	.3	5.9	6.5	5.3	.5	.5	.2
October	6.2	6.7	4.7	.4	1.4	.2	14.9	16.8	14.8	.6	1.3	.1	5.7	5.8	3.9	.4	1.3	.2
November	4.1	5.3	3.1	.4	1.6	.2	10.7	11.6	8.6	1.0	1.7	.3	3.3	4.9	2.8	.3	1.6	.2
December	2.8	7.0	2.5	.3	4.0	.2	5.8	23.5	6.4	.7	16.2	.2	2.2	5.8	2.2	.2	3.2	.2
Millwork, plywood, and prefabricated structural wood products																		
1951: January	4.1	4.8	2.4	0.4	1.0	1.0	5.9	6.4	3.5	0.5	1.5	0.9	5.6	7.0	3.5	0.6	2.0	0.9
February	3.6	3.7	1.9	.3	.7	.8	5.2	4.7	3.2	.5	.4	.6	5.2	4.8	3.3	.5	.4	.5
March	3.6	4.1	2.7	.2	.5	.7	5.3	6.4	4.4	.6	.8	.6	5.0	7.0	4.7	.7	1.0	.6
April	3.8	4.8	3.0	.3	1.1	.4	4.8	7.6	4.4	.6	2.2	.4	4.4	8.6	4.5	.7	3.0	.4
May	3.8	5.4	3.1	.3	1.7	.3	4.0	7.5	4.1	.5	2.5	.4	3.3	8.4	3.9	.6	3.5	.4
June	3.2	4.2	2.8	.2	.9	.3	4.5	6.8	3.6	.4	2.5	.3	4.2	7.9	3.6	.5	3.5	.3
July	2.3	5.9	2.9	.2	2.4	.4	4.8	7.4	3.2	.4	3.5	.3	4.6	8.5	3.2	.5	4.5	.3
August	3.5	6.8	3.7	.4	2.4	.3	6.0	6.5	4.1	.6	1.5	.3	6.3	6.9	4.2	.6	1.8	.3
September	2.6	5.2	3.3	.3	1.3	.3	5.9	6.3	4.2	.5	1.2	.4	7.1	5.9	4.3	.5	.8	.3
October	3.1	4.9	2.0	.3	2.3	.3	6.6	5.9	3.5	.5	1.3	.6	7.8	5.8	3.8	.6	.7	.7
November	3.4	4.1	1.6	.3	1.9	.3	5.5	4.5	2.4	.4	1.3	.4	6.2	4.8	2.7	.5	1.2	.4
December	1.7	2.7	1.1	.2	1.0	.4	3.3	3.2	1.9	.3	.7	.3	3.3	3.3	1.9	.4	.7	.3
Furniture and fixtures																		
1951: January	5.9	6.4	3.5	0.5	1.5	0.9	5.6	7.0	3.5	0.6	2.0	0.9	5.6	7.0	3.5	0.6	2.0	0.9
February	5.2	4.7	3.2	.5	.4	.6	5.0	7.0	4.7	.7	1.0	.6	5.2	4.8	3.3	.5	.4	.5
March	5.3	6.4	4.4	.6	.8	.6	5.0	7.0	4.7	.7	1.0	.6	5.0	7.0	4.7	.7	1.0	.6
April	4.8	7.6	4.4	.6	2.2	.4	4.4	8.6	4.5	.7	3.0	.4	4.4	8.6	4.5	.7	3.0	.4
May	4.0	7.5	4.1	.5	2.5	.4	3.3	8.4	3.9	.6	2.5	.4	3.3	8.4	3.9	.6	3.5	.4
June	3.2	4.2	3.6	.4	2.5	.3	4.5	6.8	3.6	.4	2.5	.3	4.2	7.9	3.6	.5	3.5	.3
July	2.3	5.9	2.9	.2	2.4	.4	4.8	7.4	3.2	.4	3.5	.3	4.6	8.5	3.2	.5	4.5	.3
August	3.5	6.8	3.7	.4	2.4	.3	6.0	6.5	4.1	.6	1.5	.3	6.3	6.9	4.2	.6	1.8	.3
September	2.6	5.2	3.3	.3	1.3	.3	5.9	6.3	4.2	.5	1.2	.4	7.1	5.9	4.3	.5	.8	.3
October	3.1	4.9	2.0	.3	2.3	.3	6.6	5.9	3.5	.5	1.3	.6	7.8	5.8	3.8	.6	.7	.7
November	3.4	4.1	1.6	.3	1.9	.3	5.5	4.5	2.4	.4	1.3	.4	6.2	4.8	2.7	.5	1.2	.4
December	1.7	2.7	1.1	.2	1.0	.4	3.3	3.2	1.9	.3	.7	.3	3.3	3.3	1.9	.4	.7	.3
Household furniture																		

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries,
1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation					
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary	
		Other furniture and fixtures					Stone, clay, and glass products					Glass and glass products							
1951: January		6.5	4.9	3.5	0.4	0.2	0.8	4.0	3.7	1.8	0.3	0.8	0.8	4.1	4.7	1.7	0.3	1.7	1.0
February		5.1	4.1	2.8	.4	.2	.7	3.4	3.2	1.6	.2	.8	.6	4.2	4.5	1.4	.2	2.1	.8
March		6.0	4.9	3.6	.5	.3	.5	3.8	3.2	2.0	.2	.4	.6	4.6	3.6	1.8	.2	.8	.8
April		5.9	5.4	4.1	.4	.3	.6	3.8	3.6	2.3	.3	.5	.5	3.9	4.1	2.1	.3	.9	.8
May		5.7	5.8	4.5	.4	.4	.5	3.6	3.8	2.4	.3	.7	.4	3.8	4.8	2.4	.3	1.5	.6
June		5.2	4.8	3.6	.4	.4	.4	4.4	3.5	2.2	.3	.6	.4	4.4	3.8	2.0	.3	.9	.6
July		5.0	5.2	3.2	.4	1.2	.4	3.6	3.6	2.1	.3	.9	.3	4.0	4.3	1.8	.3	1.8	.4
August		5.4	5.4	3.7	.5	.8	.4	3.6	5.3	2.9	.3	1.7	.4	4.1	7.1	2.6	.4	3.5	.6
September		3.5	6.7	4.0	.4	1.9	.4	3.9	4.8	3.2	.3	1.0	.3	5.6	6.1	3.1	.3	2.1	.6
October		4.1	6.1	2.9	.2	2.6	.4	3.5	3.9	2.1	.3	1.1	.4	4.7	5.2	2.1	.3	2.1	.7
November		3.8	4.1	1.9	.3	1.5	.4	2.4	3.6	1.5	.2	1.6	.3	2.9	4.6	1.2	.2	2.7	.5
December		3.2	3.0	1.9	.2	.7	.2	1.9	3.4	1.3	.2	1.6	.3	2.8	5.3	1.1	.2	3.4	.6
		Cement, hydraulic					Structural clay products					Pottery and related products							
1951: January		2.4	2.3	1.5	0.2	0.1	0.5	4.7	3.8	2.1	0.3	0.6	0.8	4.1	3.2	2.0	0.3	0.4	0.5
February		2.1	2.1	1.4	.3	(2)	.4	3.6	2.9	1.9	.3	.3	.4	3.6	2.7	1.9	.3	.2	.3
March		2.9	2.3	1.7	.2	(2)	.4	4.3	3.5	2.5	.3	.2	.5	3.4	3.7	2.5	.4	.3	.5
April		2.8	2.7	2.0	.3	(2)	.4	4.6	3.9	3.0	.4	.2	.3	3.4	3.6	2.3	.4	.6	.3
May		3.5	2.8	2.1	.4	(2)	.3	4.8	4.1	3.2	.4	.2	.3	3.0	3.5	2.4	.3	.5	.3
June		4.3	2.7	2.0	.4	(2)	.3	5.4	3.9	2.7	.4	.6	.2	3.4	3.4	2.2	.4	.6	.2
July		3.5	2.9	2.1	.4	.1	.3	4.9	4.3	3.1	.4	.5	.3	2.5	4.1	2.0	.4	1.2	.5
August		3.7	3.7	3.0	.4	(2)	.3	4.8	5.2	3.7	.5	.6	.4	3.0	6.8	2.7	.4	3.2	.5
September		3.0	4.0	3.3	.4	(2)	.3	4.9	5.5	4.3	.6	.4	.2	2.4	4.4	2.7	.2	1.3	.2
October		2.9	2.8	2.1	.5	(2)	.2	4.5	4.3	3.2	.5	.3	.3	2.5	4.6	2.1	.3	2.0	.2
November		2.2	2.5	1.6	.3	.3	.3	3.1	3.7	2.3	.4	.7	.3	2.5	3.8	1.4	.3	1.9	.2
December		1.4	2.2	1.4	.3	.2	.3	2.0	3.3	1.9	.2	.9	.3	1.5	2.9	1.3	.2	1.2	.2
		Primary metal industries					Blast furnaces, steel works, and rolling mills					Iron and steel foundries							
1951: January		4.2	3.5	1.8	0.4	0.5	0.8	3.0	2.6	1.3	0.2	0.2	0.9	7.7	5.3	3.1	0.8	0.7	0.7
February		3.3	2.9	1.6	.3	.4	.6	2.2	1.8	1.1	.1	.1	.5	6.1	5.0	3.1	.7	.6	.6
March		3.7	3.5	2.1	.3	.5	.6	2.5	2.3	1.5	.1	.2	.5	6.7	5.5	3.8	.8	.4	.5
April		3.9	3.6	2.3	.3	.5	.5	2.7	2.2	1.6	.1	.1	.4	6.8	6.2	4.2	.7	.8	.5
May		4.2	3.6	2.5	.4	.3	.4	3.1	2.5	1.8	.2	.1	.4	6.8	6.1	4.5	.8	.4	.5
June		4.4	3.1	2.2	.3	.3	.3	3.5	2.0	1.5	.1	.1	.3	6.1	5.4	3.8	.7	.5	.4
July		3.5	3.3	2.2	.3	.4	.4	2.9	2.5	1.9	.2	.1	.3	5.5	5.2	3.6	.6	.7	.3
August		3.7	4.3	2.9	.4	.7	.3	2.8	3.2	2.5	.2	.1	.4	6.2	6.6	4.6	.8	.8	.4
September		3.3	4.1	2.8	.3	.7	.3	2.5	3.4	2.6	.2	.2	.4	5.3	5.6	4.0	.6	.7	.3
October		3.6	3.7	2.3	.3	.6	.5	2.5	2.7	1.9	.2	.2	.4	5.8	4.9	3.4	.7	.5	.3
November		3.0	2.9	1.7	.3	.5	.4	2.2	2.2	1.5	.2	.1	.4	4.5	4.1	2.6	.7	.5	.3
December		2.2	2.6	1.4	.2	.7	.3	1.6	2.5	1.3	.1	.7	.4	3.0	3.6	2.0	.5	.8	.3
		Gray-iron foundries					Malleable-iron foundries					Steel foundries							
1951: January		6.4	4.9	2.7	0.8	0.7	0.7	7.3	5.3	3.5	0.7	0.1	1.0	9.2	4.4	3.1	0.7	0.2	0.4
February		5.3	4.7	2.8	.6	.7	.6	6.5	5.4	3.3	.8	.5	.8	6.9	4.8	3.3	.8	.4	.3
March		6.2	5.5	3.8	.7	.4	.6	7.0	5.9	4.1	.8	.1	.9	7.1	5.4	3.7	.9	.5	.3
April		6.0	6.0	3.9	.7	.8	.6	8.1	6.9	5.5	.8	(2)	.6	7.3	5.1	3.9	.8	.1	.3
May		5.9	6.2	4.2	.7	.7	.6	8.2	7.3	6.0	.7	.1	.5	7.3	5.6	4.3	.9	.1	.3
June		4.5	5.2	3.3	.5	.9	.5	7.7	6.3	4.8	.8	.1	.6	7.5	5.1	3.9	.8	.2	.2
July		4.3	5.2	3.1	.5	1.3	.3	7.0	6.3	4.5	.6	.7	.5	6.2	5.0	3.8	.8	.1	.3
August		5.3	6.5	4.0	.6	1.5	.4	6.1	7.1	5.6	.8	.2	.5	7.2	6.0	4.8	.9	.1	.2
September		4.3	5.5	3.4	.5	1.3	.3	5.0	5.5	4.4	.5	.1	.5	6.6	5.6	4.4	.8	.2	.2
October		5.2	4.7	3.0	.5	.8	.4	4.9	5.5	3.8	.6	.6	.5	6.7	5.4	3.8	1.0	.3	.3
November		3.7	3.7	2.3	.4	.6	.4	3.4	4.1	2.6	.6	.4	.5	5.8	4.6	3.0	1.0	.4	.2
December		2.6	3.8	1.8	.4	1.3	.3	2.4	3.8	1.7	.4	1.2	.5	3.7	3.2	2.3	.5	.2	.2

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries,
1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation					
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary	
Primary smelting and refining of copper, lead, and zinc										Rolling, drawing, and alloying of copper					Nonferrous foundries				
1951: January	2.3	1.9	0.8	0.3	0.3	0.5	2.1	2.4	1.1	0.1	0.4	0.8	5.8	6.5	2.5	0.7	2.0	1.3	
February	1.6	1.8	.6	.2	.5	.5	1.4	1.8	1.0	.1	.2	.5	4.6	4.8	2.1	.6	1.3	.8	
March	1.3	1.9	.9	.1	.3	.6	1.3	2.4	1.2	.1	.7	.4	5.0	7.0	2.8	.6	2.8	.8	
April	1.7	2.2	1.3	.2	.3	.4	1.2	3.1	1.2	.1	1.4	.4	6.1	5.7	3.3	.5	1.3	.6	
May	2.1	1.9	1.3	.1	.1	.4	1.6	2.5	1.2	.1	.7	.5	6.1	4.3	2.8	.5	.6	.4	
June	3.5	2.6	1.4	.2	.5	.5	1.9	2.1	1.1	.1	.4	.5	7.1	4.8	3.1	.6	.8	.3	
July	2.7	2.7	1.6	.2	.4	.5	1.6	1.9	1.2	.1	.1	.5	3.6	5.3	2.6	.6	1.2	.9	
August	1.9	2.9	2.0	.1	.4	.4	1.9	2.2	1.3	.2	.4	.3	4.0	7.7	3.5	.7	3.0	.5	
September	3.0	3.9	2.0	.2	1.2	.5	2.0	2.8	1.5	.1	.8	.4	4.0	6.9	3.1	.5	2.8	.5	
October	2.1	2.6	1.5	.1	.6	.4	2.5	2.2	1.2	.1	.6	.3	4.9	6.1	2.8	.6	2.2	.5	
November	1.3	1.8	.9	.1	.4	.4	2.0	2.5	.8	.1	1.2	.4	5.6	4.5	1.9	.6	1.6	.4	
December	1.2	1.2	.5	.1	.3	.3	2.3	1.4	.7	.2	.2	.3	4.0	2.7	1.3	.4	.6	.4	
Iron and steel forgings										Fabricated metal products (except ordnance, machinery, and transportation equipment)					Cutlery, hand tools, and hardware				
1951: January	5.0	3.4	2.3	0.4	0.2	0.5	5.4	4.7	2.4	0.4	1.3	0.6	4.4	4.3	2.5	0.5	0.7	0.6	
February	5.8	3.2	2.2	.3	.2	.5	4.9	4.2	2.2	.4	1.1	.5	4.1	3.3	2.2	.4	.3	.4	
March	5.1	4.2	2.9	.4	.5	.4	5.2	4.6	2.8	.4	.8	.6	3.9	4.3	2.8	.4	.6	.5	
April	5.0	4.4	3.4	.4	.3	.3	5.1	4.7	3.1	.5	.7	.4	4.1	4.9	3.2	.4	.9	.4	
May	5.1	4.0	3.0	.4	.2	.4	4.5	4.9	3.0	.5	1.0	.4	3.7	4.3	2.9	.4	.6	.4	
June	5.6	3.9	2.9	.5	.1	.4	4.5	4.9	2.8	.4	1.3	.4	4.5	4.3	2.5	.4	1.1	.3	
July	3.4	3.8	2.6	.4	.4	.4	4.5	5.6	2.8	.4	1.9	.5	3.5	4.0	2.5	.4	.7	.4	
August	4.5	4.6	3.1	.4	.7	.4	4.9	6.5	3.3	.5	2.3	.4	4.4	5.7	3.5	.5	1.4	.3	
September	4.4	5.1	3.0	.7	1.1	.3	4.3	5.7	3.2	.4	1.7	.4	3.6	4.8	3.1	.5	.9	.3	
October	5.2	4.0	2.4	.3	.9	.4	4.4	5.8	2.6	.5	2.2	.5	3.2	4.2	2.5	.4	.9	.4	
November	4.1	3.6	2.0	.4	.8	.4	3.8	4.8	2.0	.4	2.1	.3	3.2	3.8	2.3	.3	8	.4	
December	2.1	2.4	1.3	.3	.5	.3	2.7	3.8	1.4	.3	1.8	.3	2.3	3.2	1.4	.3	1.2	.3	
Cutlery and edge tools										Hand tools					Hardware				
1951: January	3.5	2.8	1.7	0.3	0.4	0.4	4.0	3.3	1.9	0.4	0.3	0.7	4.8	5.0	3.1	0.6	0.8	0.5	
February	3.4	1.9	1.2	.3	.2	.2	3.6	2.7	1.4	.3	.4	.6	4.6	4.0	2.8	.4	.4	.4	
March	2.6	3.5	2.2	.6	.6	.2	3.9	3.2	1.8	.4	.3	.7	4.3	4.8	3.4	.4	.5	.5	
April	1.8	3.1	1.6	.4	.9	.2	3.4	3.9	2.5	.5	.4	.5	5.1	5.5	3.9	.4	.8	.4	
May	2.2	3.3	2.1	.3	.7	.2	3.2	3.5	2.3	.4	.4	.4	4.2	5.0	3.4	.5	.7	.4	
June	3.2	2.8	1.5	.5	.6	.2	3.8	3.8	2.4	.3	.6	.5	5.1	4.9	2.9	.4	1.4	.2	
July	2.4	2.8	1.9	.2	.4	.3	1.9	3.3	1.9	.3	.7	.4	4.2	4.5	3.0	.4	.8	.3	
August	4.3	4.7	2.8	.5	1.3	.1	3.6	4.5	2.7	.4	1.0	.4	4.8	6.7	4.1	.6	1.6	.4	
September	3.6	3.6	2.3	.7	.5	.1	3.2	4.4	2.7	.4	.9	.4	3.7	5.3	3.5	.4	1.0	.4	
October	1.4	3.0	1.5	.3	1.0	.2	2.6	3.7	2.3	.3	.7	.4	4.0	4.8	2.8	.5	1.0	.5	
November	1.3	2.5	1.3	.2	.9	.1	3.0	3.1	1.8	.3	.7	.3	3.8	4.4	2.7	.4	.9	.4	
December	1.1	2.4	1.2	.3	.7	.2	1.8	3.7	1.2	.3	1.8	.4	2.9	3.0	1.5	.3	1.0	.2	
Heating apparatus (except electric) and plumbers' supplies										Sanitary ware and plumbers' supplies					Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified				
1951: January	5.8	4.8	2.6	0.5	1.0	0.7	5.5	4.3	2.9	0.6	0.2	0.6	6.0	5.5	2.3	0.4	2.0	0.8	
February	4.9	3.9	2.3	.6	.6	.4	4.9	4.2	2.4	.7	.7	.4	4.8	3.5	2.2	.4	.5	.4	
March	5.1	5.2	3.3	.6	.7	.6	5.0	4.9	3.2	.5	.7	.5	5.3	5.2	3.3	.7	.7	.5	
April	5.8	5.1	3.5	.8	.4	.4	5.9	4.9	3.5	.8	.2	.4	5.6	5.1	3.5	.7	.6	.3	
May	4.5	5.1	3.5	.7	.6	.3	4.6	4.8	3.5	.6	.5	.2	4.4	5.4	3.5	.8	.8	.3	
June	3.9	5.1	3.3	.5	1.1	.2	3.7	4.5	3.4	.5	.3	.3	4.1	5.4	3.3	.6	1.3	.2	
July	4.6	4.8	2.8	.5	1.2	.3	4.1	4.1	2.7	.5	.7	.2	5.2	5.8	2.9	.5	1.9	.5	
August	4.8	7.9	3.9	.5	3.2	.3	4.2	8.1	3.7	.5	3.6	.3	5.6	7.7	4.2	.5	2.7	.3	
September	4.4	6.8	3.7	.5	2.3	.3	2.7	6.9	3.4	.4	2.8	.3	6.4	6.6	4.1	.6	1.7	.2	
October	4.7	6.4	2.9	.5	2.6	.4	3.1	5.7	2.4	.4	2.5	.4	6.7	7.2	3.5	.6	2.7	.4	
November	3.8	5.0	2.2	.4	2.1	.3	2.1	4.7	1.7	.2	2.5	.3	5.8	5.3	2.8	.6	1.7	.2	
December	1.9	3.3	1.4	.3	1.4	.2	1.2	1.8	1.1	.1	.4	.2	2.8	5.1	1.8	.5	2.6	.2	

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries,
1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation					
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary	
Fabricated structural metal products										Metal stamping, coating, and engraving					Machinery (except electrical)				
1951: January	5.1	4.7	2.3	0.5	1.2	0.7	7.1	5.3	2.4	0.3	1.9	0.7	5.9	3.5	2.0	0.5	0.3	0.7	
February	4.3	4.0	2.2	.5	.9	.4	6.7	5.0	2.9	.3	1.3	.5	4.8	3.2	1.9	.5	.2	.6	
March	4.7	4.4	2.5	.6	.8	.5	7.4	6.1	3.8	.4	1.4	.5	4.7	3.7	2.4	.5	.3	.5	
April	5.2	4.3	2.8	.6	.5	.4	6.0	6.0	3.8	.4	1.4	.4	4.8	3.8	2.6	.5	.3	.4	
May	5.0	4.7	3.2	.6	.5	.4	4.6	6.9	3.5	.4	2.3	.7	4.7	3.8	2.6	.5	.4	.3	
June	5.4	4.1	2.7	.5	.6	.3	4.2	7.0	3.3	.4	2.7	.6	5.0	3.6	2.4	.5	.4	.3	
July	5.7	5.4	3.6	.5	.8	.5	4.3	9.5	2.8	.4	5.7	.6	3.6	3.6	2.1	.5	.6	.4	
August	6.0	6.8	3.8	.8	1.9	.3	4.5	8.2	2.8	.3	4.6	.5	3.9	4.3	2.8	.4	.7	.4	
September	5.5	5.4	3.5	.5	1.2	.2	4.6	6.0	2.6	.3	2.5	.8	3.8	4.2	2.8	.4	.6	.4	
October	5.4	5.4	3.1	.7	1.3	.3	5.1	6.2	2.3	.3	3.0	.6	4.3	3.7	2.3	.4	.5	.5	
November	4.2	4.0	2.4	.6	.7	.3	4.7	7.7	1.7	.3	5.3	.4	3.6	3.1	1.8	.4	.5	.4	
December	3.3	3.4	1.7	.4	1.0	.3	3.6	5.6	1.2	.1	4.1	.2	2.7	2.3	1.3	.3	.4	.3	
Engines and turbines										Agricultural machinery and tractors					Construction and mining machinery				
1951: January	6.7	3.6	2.1	0.5	0.2	0.8	5.4	3.4	2.1	0.3	0.1	0.9	6.1	3.5	2.0	0.6	0.4	0.5	
February	5.4	3.6	2.0	.6	.4	.6	4.6	3.2	2.0	.4	.2	.6	4.5	2.6	1.7	.5	.1	.3	
March	5.3	4.2	2.7	.4	.4	.7	4.5	3.7	2.6	.4	.1	.6	4.3	3.8	2.5	.5	.4	.4	
April	5.5	4.0	2.9	.6	.1	.4	4.4	3.7	2.7	.4	.1	.5	4.6	4.0	2.9	.5	.3	.3	
May	5.2	4.0	2.9	.6	.2	.3	5.0	3.8	2.9	.4	.1	.4	5.0	3.8	2.9	.6	.1	.2	
June	5.7	4.0	2.9	.5	.2	.4	5.8	3.9	2.5	.5	.5	.4	5.9	3.6	2.8	.6	(2) ¹	.2	
July	4.3	3.5	2.2	.4	.3	.6	3.0	3.6	2.2	.4	.5	.5	4.4	3.5	2.6	.6	.1	.2	
August	4.3	4.4	3.2	.4	.4	.4	3.0	5.0	3.1	.3	1.1	.5	4.6	4.1	3.1	.6	.1	.3	
September	4.4	4.7	3.2	.5	.6	.4	2.8	5.3	3.1	.2	1.5	.5	4.2	4.0	3.2	.5	.1	.2	
October	5.5	3.3	2.3	.5	.1	.4	4.5	3.6	2.3	.3	.5	.5	4.8	4.0	2.9	.6	.2	.3	
November	4.8	2.8	1.9	.5	.1	.3	3.8	3.6	2.3	.3	.5	.5	4.1	2.9	1.9	.5	.2	.3	
December	3.1	3.0	1.7	.5	.3	.5	2.7	2.5	1.3	.3	.5	.4	3.2	2.7	1.6	.5	.4	.2	
Metalworking machinery										Machine tools					Metalworking machinery (except machine tools)				
1951: January	8.3	4.2	2.6	0.7	0.3	0.6	9.6	4.4	2.8	0.8	(2) ¹	0.8	5.1	3.1	2.0	0.4	0.1	0.6	
February	6.2	3.7	2.4	.7	.2	.4	7.0	3.6	2.4	.8	(2) ¹	.4	3.7	3.3	2.1	.5	.4	.3	
March	5.9	4.3	3.0	.7	.2	.4	6.4	4.2	3.1	.7	(2) ¹	.4	3.5	3.6	2.6	.5	.3	.2	
April	6.1	4.5	3.2	.7	.2	.4	6.3	4.7	3.4	.8	.1	.4	3.8	3.1	2.3	.4	.2	.2	
May	5.4	4.3	3.1	.7	.2	.3	5.8	4.4	3.3	.7	.1	.3	3.5	3.1	2.5	.4	(2) ¹	.2	
June	5.5	3.7	2.7	.6	.1	.3	5.8	3.8	2.7	.6	.1	.4	4.3	3.0	2.5	.4	(2) ¹	.1	
July	4.0	3.5	2.3	.5	.4	.3	4.5	3.4	2.4	.6	.1	.3	2.7	2.9	1.9	.4	.4	.2	
August	4.6	4.5	3.3	.5	.4	.3	4.8	4.6	3.6	.5	.1	.4	3.7	3.4	2.7	.4	.1	.2	
September	4.6	4.1	3.2	.5	.2	.2	4.7	4.1	3.2	.5	.1	.3	3.9	3.3	2.5	.4	.2	.2	
October	5.3	3.5	2.6	.5	.2	.2	5.4	3.6	2.7	.5	.1	.3	4.6	3.4	2.3	.4	.4	.3	
November	4.2	3.3	2.1	.6	.3	.3	5.0	3.9	2.4	.9	.2	.4	3.6	3.0	1.8	.4	.5	.3	
December	3.0	2.5	1.6	.4	.2	.3	3.1	2.4	1.6	.4	.1	.3	2.7	2.1	1.5	.3	.1	.2	
Machine-tool accessories										Special-industry machinery (except metalworking machinery)					General industrial machinery				
1951: January	7.9	4.8	2.5	0.8	1.1	0.4	5.3	3.3	1.8	0.5	0.4	0.6	5.8	3.4	1.9	0.6	0.3	0.6	
February	6.8	4.1	2.6	.8	.4	.3	4.6	2.8	1.7	.5	.2	.4	4.9	2.9	1.8	.5	.2	.4	
March	7.3	4.5	3.1	.8	.3	.3	4.4	3.3	2.2	.4	.3	.4	4.5	3.5	2.4	.6	.1	.4	
April	8.1	5.5	3.7	1.0	.6	.2	4.0	3.3	2.2	.4	.3	.4	5.0	3.7	2.7	.6	.1	.3	
May	6.1	4.7	3.3	.6	.6	.2	3.6	3.3	2.2	.4	.4	.3	4.7	3.8	2.5	.7	.3	.3	
June	5.7	4.2	2.8	.8	.4	.2	4.3	3.6	2.2	.4	.7	.3	5.0	3.1	2.2	.5	.1	.3	
July	4.1	4.0	2.6	.6	.6	.2	3.5	3.9	2.2	.4	1.0	.3	4.0	3.2	2.0	.5	.4	.3	
August	5.0	6.1	3.6	.7	1.6	.2	3.5	4.7	2.6	.4	1.4	.3	4.1	4.1	2.8	.6	.3	.4	
September	5.1	5.1	3.7	.6	.6	.2	3.2	4.1	2.7	.4	.7	.3	3.7	4.0	2.7	.5	.5	.3	
October	5.6	4.0	2.9	.6	.4	.1	3.5	3.8	2.1	.4	1.1	.2	4.1	3.3	2.1	.5	.4	.3	
November	4.0	3.5	2.3	.6	.4	.2	2.9	2.6	1.6	.3	.4	.3	3.3	3.4	1.8	.5	.7	.4	
December	3.1	2.4	1.6	.4	.3	.1	2.1	1.9	1.1	.3	.3	.2	2.6	2.6	1.2	.4	.7	.3	

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries, 1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation					
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary	
Office and store machines and devices										Service-industry and household machines									
1951: January		3.7	2.2	1.2	0.2	0.1	0.7	4.6	3.4	1.4	0.3	0.7	1.0	5.4	3.3	1.9	0.4	0.2	0.8
February		3.4	2.3	1.3	.3	(2)	.7	3.6	3.0	1.5	.3	.5	.7	4.6	3.0	1.9	.4	.2	.5
March		3.8	3.0	1.6	.3	.5	.6	3.4	3.5	1.9	.3	.5	.8	5.1	3.8	2.5	.5	.2	.6
April		3.8	2.8	1.5	.2	.6	.5	3.5	4.0	1.8	.3	1.2	.7	5.3	3.8	2.6	.6	.2	.4
May		4.3	2.9	1.9	.2	.3	.5	4.1	4.0	1.8	.2	1.4	.6	5.2	4.1	2.8	.6	.3	.4
June		3.5	2.5	1.8	.2	.1	.4	3.5	3.9	1.7	.3	1.5	.4	5.5	3.6	2.4	.5	.3	.4
July		2.4	2.5	1.7	.2	.1	.5	2.5	4.0	1.2	.3	2.1	.4	4.3	4.0	2.3	.6	.6	.5
August		3.4	3.1	2.2	.2	.2	.5	3.4	5.8	2.1	.2	2.6	.9	4.2	4.3	2.9	.6	.3	.5
September		3.8	3.5	2.7	.2	.1	.5	3.2	4.3	1.8	.2	1.5	.8	4.1	4.5	3.0	.5	.5	.5
October		3.4	2.9	2.0	.2	.1	.6	3.6	3.3	1.4	.2	1.0	.7	4.2	4.2	2.4	.6	.6	.6
November		2.4	2.5	1.6	.1	.2	.6	3.0	3.2	1.0	.1	1.4	.7	3.4	3.0	1.7	.4	.5	.4
December		1.5	2.2	1.1	.1	.6	.4	3.9	1.9	.8	.2	.5	.4	2.0	2.2	1.1	.3	.4	.4
Electrical machinery										Electrical generating, transmission, distribution, and industrial apparatus									
1951: January		4.4	4.2	2.1	0.3	1.1	0.7	3.8	3.1	1.6	0.2	0.8	0.5	5.5	5.7	2.7	0.5	1.5	1.0
February		4.7	3.2	1.8	.2	.6	.6	3.8	2.3	1.3	.1	.4	.5	5.6	3.9	2.4	.3	.3	.9
March		4.7	3.7	2.2	.3	.5	.7	4.2	2.7	1.5	.2	.3	.7	5.7	4.9	2.9	.5	.6	.9
April		4.5	4.7	2.2	.3	1.6	.6	4.0	2.5	1.6	.2	.2	.5	4.6	7.8	2.8	.4	3.8	.8
May		4.6	4.5	2.4	.4	1.2	.5	4.5	2.8	1.6	.3	.4	.5	5.2	6.2	3.0	.3	2.0	.9
June		5.0	3.8	2.1	.3	.9	.5	4.9	2.5	1.5	.2	.3	.5	5.4	5.5	2.8	.4	1.6	.7
July		3.6	3.4	1.7	.3	.9	.5	3.6	2.5	1.4	.2	.4	.5	3.8	4.6	2.2	.3	1.4	.7
August		4.5	4.7	2.5	.3	1.3	.6	3.5	3.4	1.9	.2	.7	.6	5.8	5.4	3.4	.4	.9	.7
September		5.0	4.4	2.9	.3	.7	.5	2.8	3.3	2.1	.2	.6	.4	8.1	5.1	3.8	.4	.2	.7
October		4.9	4.3	2.2	.4	1.2	.5	3.2	3.2	1.6	.2	.9	.5	7.3	4.7	3.1	.5	.4	.7
November		3.9	3.3	1.7	.3	.9	.4	2.6	2.6	1.2	.2	.7	.5	5.4	3.9	2.4	.5	.4	.6
December		2.8	2.9	1.4	.2	.9	.4	2.0	2.2	1.0	.2	.5	.5	3.5	3.7	2.0	.3	.9	.5
Radios, phonographs, television sets, and equipment										Telephone, telegraph, and related equipment									
1951: January		6.5	7.0	2.7	0.6	2.5	1.2	2.3	1.6	1.1	0.1	(2)	0.4	3.2	4.2	2.0	0.3	1.2	0.7
February		6.5	4.9	2.6	.5	.5	1.3	2.8	1.6	1.1	.1	(2)	.4	3.9	3.3	1.8	.2	.7	.6
March		6.6	6.2	3.2	.7	.9	1.4	3.1	1.9	1.3	.1	(2)	.5	3.6	3.9	2.4	.2	.7	.6
April		4.4	10.9	2.8	.5	6.5	1.1	3.9	1.8	1.3	.1	(2)	.4	4.3	3.9	2.5	.3	.7	.4
May		5.6	8.1	3.2	.5	3.2	1.2	3.7	2.0	1.5	.1	(2)	.4	3.8	5.4	2.9	.4	1.8	.3
June		5.5	6.8	2.7	.5	2.6	1.0	5.6	2.1	1.6	.1	(2)	.4	4.0	3.7	2.2	.2	.9	.4
July		4.3	6.3	2.3	.5	2.5	1.0	2.8	1.5	1.1	.1	(2)	.3	2.9	3.6	1.9	.2	1.1	.4
August		6.5	6.2	3.2	.5	1.5	1.0	3.9	2.9	2.3	.1	(2)	.5	3.8	5.5	2.8	.4	1.9	.4
September		9.3	5.2	3.5	.5	.3	.9	6.2	3.9	3.2	.1	(2)	.6	3.8	5.2	3.1	.2	1.6	.3
October		8.2	5.6	3.2	.8	.7	.9	5.2	2.3	1.8	.1	(2)	.4	3.7	5.2	2.4	.2	2.1	.5
November		5.6	4.8	2.6	.7	.7	.8	4.7	2.2	1.6	.1	0.1	.4	2.8	3.5	1.7	.2	1.3	.3
December		3.3	4.7	2.1	.5	1.5	.6	3.4	2.2	1.6	.2	(2)	.4	2.8	3.1	1.3	.2	1.3	.3
Transportation equipment										Automobiles									
1951: January		9.2	5.4	2.5	0.3	1.8	0.8	5.8	5.2	2.5	0.2	1.6	0.9	10.5	3.8	2.5	0.4	0.1	0.8
February		7.9	5.0	2.8	.4	1.2	.7	6.4	4.5	2.8	.3	.6	.8	8.4	3.6	2.5	.4	.1	.6
March		7.7	5.6	3.4	.4	1.1	.7	6.7	5.0	3.4	.4	.4	.8	8.4	4.7	3.5	.4	.1	.7
April		7.3	6.5	3.5	.5	1.9	.6	5.8	6.8	3.6	.5	2.0	.7	7.6	4.5	3.4	.4	(2)	.7
May		7.0	7.5	3.4	.5	2.8	.8	5.4	8.0	3.2	.5	3.4	.9	7.7	4.6	3.6	.4	.1	.5
June		6.6	6.2	3.0	.5	2.0	.7	3.9	6.5	2.8	.4	2.3	1.0	10.2	4.0	3.2	.4	(2)	.4
July		6.2	6.6	2.5	.4	2.9	.8	3.8	7.7	2.0	.3	4.4	1.0	7.8	4.0	3.0	.4	(2)	.6
August		6.2	5.9	3.0	.5	1.5	.9	4.2	5.4	2.1	.3	1.8	1.2	7.3	5.1	3.9	.5	.1	.6
September		5.4	6.2	3.0	.3	2.1	.8	3.2	6.2	1.9	.2	3.2	.9	7.4	5.1	4.2	.4	.1	.4
October		6.3	5.6	2.4	.4	2.0	.8	3.9	5.8	1.6	.3	3.0	.9	7.6	4.2	3.2	.4	.1	.4
November		5.4	5.9	1.9	.4	3.0	.6	3.6	7.0	1.1	.2	5.0	.7	6.7	3.6	2.7	.4	(2)	.5
December		5.5	5.0	1.5	.3	2.6	.6	5.1	5.8	.8	.2	4.0	.8	5.2	2.8	2.0	.3	.1	.5
Aircraft and parts																			

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries,
1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation				
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary
Aircraft																		
1951: January	11.2	4.0	2.7	0.4	0.1	0.8	8.5	2.4	1.5	0.4	(2)	0.5	5.2	1.7	0.9	0.1	(2)	0.7
February	9.1	3.9	2.7	.4	.1	.7	6.3	2.8	1.9	.4	(2)	.5	4.4	2.2	1.4	.2	(2)	.6
March	9.2	5.0	3.8	.4	.1	.7	6.3	3.3	2.4	.4	(2)	.5	5.4	2.1	1.3	.3	(2)	.5
April	7.6	4.7	3.7	.4	(2)	.6	6.7	3.1	2.2	.5	(2)	.4	5.1	2.5	1.6	.3	(2)	.6
May	7.7	4.8	3.9	.4	(2)	.5	7.6	3.4	2.5	.5	(2)	.4	3.6	2.3	1.5	.3	0.2	.3
June	10.5	4.4	3.6	.3	(2)	.5	9.3	2.9	2.0	.5	(2)	.4	4.6	2.6	1.8	.3	.1	.4
July	7.8	4.1	3.1	.4	(2)	.6	7.6	3.4	2.5	.5	0.1	.3	5.6	2.8	1.7	.4	.1	.6
August	7.2	5.3	4.1	.5	.1	.6	7.1	4.0	3.0	.6	(2)	.4	4.5	2.7	1.8	.4	.1	.4
September	7.6	5.4	4.5	.3	(2)	.6	7.3	4.5	3.6	.5	.1	.3	3.6	2.8	1.8	.2	.3	.5
October	7.9	4.5	3.4	.4	.1	.6	6.6	3.3	2.6	.5	(2)	.2	3.7	2.1	1.3	.3	.1	.4
November	6.6	3.5	2.7	.3	(2)	.5	7.2	3.9	2.9	.5	(2)	.5	3.5	2.1	1.2	.3	.1	.5
December	5.1	2.8	2.1	.3	(2)	.4	6.4	2.6	1.8	.5	(2)	.3	3.5	1.7	1.1	.2	(2)	.4
Other aircraft parts and equipment																		
1951: January	8.0	3.1	1.7	0.5	0.1	0.8	39.3	14.3	3.6	1.5	8.7	0.5	6.0	6.0	1.3	0.1	4.0	0.6
February	5.6	3.1	1.8	.6	.1	.6	20.5	14.2	4.1	1.3	8.4	.4	6.7	5.0	1.0	.2	3.1	.7
March	5.3	3.8	2.4	.7	.1	.6	14.7	17.9	5.1	1.2	11.0	.6	7.4	4.1	1.7	.2	1.1	1.1
April	10.2	3.6	2.6	.4	.1	.5	17.6	14.6	4.8	.8	8.8	.2	10.6	3.5	1.9	.2	.7	.7
May	8.4	4.2	2.7	.6	.4	.5	17.4	16.3	5.6	.9	9.6	.2	6.9	3.3	1.8	.2	.5	.8
June	9.6	3.5	2.4	.6	.1	.4	14.9	13.9	4.5	1.4	7.8	.2	5.8	4.4	2.0	.2	1.5	.7
July	9.5	3.9	2.5	.5	.2	.7	17.6	9.9	4.7	.7	4.3	.2	6.3	3.7	1.7	.2	.9	.9
August	9.1	5.4	3.7	.8	.1	.8	15.8	13.2	6.1	1.2	5.7	.2	7.1	3.7	2.2	.2	.5	.8
September	6.9	4.6	3.4	.6	.1	.5	11.7	11.0	5.5	.9	4.3	.3	6.4	4.1	2.5	.2	.4	1.0
October	7.2	3.4	2.4	.5	(2)	.5	16.2	10.0	5.1	1.0	3.6	.3	7.3	4.9	2.5	.2	1.3	.9
November	6.4	3.1	2.2	.4	.1	.4	11.7	10.8	4.4	1.3	4.8	.3	5.7	4.1	1.6	.2	1.4	.9
December	3.4	2.8	1.3	.5	.6	.4	11.2	10.4	3.5	.9	5.8	.2	3.3	2.6	1.0	.3	.7	.6
Locomotives and parts																		
1951: January	5.0	4.4	1.1	0.1	2.7	0.5	7.9	9.3	1.7	0.2	6.3	1.1	4.1	4.1	0.9	0.1	2.7	0.4
February	6.6	2.6	1.0	.3	.3	1.0	6.5	7.6	1.0	.1	5.9	.6	3.9	2.0	1.2	.3	.1	.4
March	5.2	3.1	1.4	.2	.2	1.3	9.9	5.6	1.9	.1	3.0	.6	2.1	4.1	1.1	.3	2.3	.4
April	8.7	2.1	1.2	.1	.1	.7	8.9	5.5	2.3	.4	2.2	.6	1.9	3.5	1.4	.1	1.7	.3
May	4.8	2.6	1.5	.2	1	.8	10.0	4.6	2.4	.3	1.1	.8	3.1	4.7	1.7	.1	2.2	.7
June	4.9	2.4	1.7	.2	(2)	.5	7.7	6.7	2.4	.3	2.9	1.1	1.1	3.1	1.1	.1	1.6	.3
July	4.5	2.1	1.3	.1	.1	.6	9.7	6.9	2.4	.4	2.6	1.5	1.9	1.6	.9	(2)	.2	.5
August	5.7	2.8	1.9	.2	.2	.5	9.5	5.0	2.5	.2	1.0	1.3	4.5	3.0	1.9	.1	.7	.3
September	5.3	4.0	2.2	.2	.4	1.2	8.1	4.3	3.0	.2	.4	.7	3.1	2.0	1.3	.1	.3	.3
October	7.9	3.4	2.2	.2	.1	.9	6.5	7.2	2.9	.2	3.0	1.1	3.0	1.9	1.1	.1	.1	.6
November	6.1	2.7	1.4	.2	.2	.9	5.2	6.0	1.8	.2	3.2	.8	2.2	1.9	1.0	.2	.2	.5
December	2.7	1.8	.9	.3	.1	.5	4.4	3.9	1.2	.3	1.6	.8	1.5	3.8	.7	(2)	2.7	.4
Instruments and related products																		
1951: January	4.6	2.6	1.3	0.3	0.5	0.5	2.3	1.3	0.7	(2)	0.2	0.4	2.8	4.6	1.9	0.1	1.9	0.7
February	3.6	2.0	1.2	.3	.1	.4	2.2	1.2	.7	(2)	.1	.4	2.7	2.1	1.4	.1	.4	.2
March	3.8	2.4	1.5	.3	.2	.4	2.1	1.2	.8	(2)	.1	.3	3.6	3.2	2.2	.1	.5	.4
April	3.3	2.4	1.5	.2	.4	.3	2.3	1.1	.7	(2)	.1	.3	2.8	3.4	2.0	.2	.8	.4
May	3.4	2.3	1.4	.2	.3	.4	2.0	1.4	.9	(2)	.1	.4	2.8	2.5	1.6	.1	.6	.2
June	4.0	2.3	1.5	.2	.2	.4	3.2	1.1	.7	(2)	.2	.2	3.6	2.5	1.5	.2	.6	.2
July	3.4	2.4	1.4	.2	.6	.2	3.4	1.2	.9	(2)	.1	.2	2.4	2.2	1.6	.1	.3	.2
August	3.1	2.8	1.8	.2	.5	.3	1.3	1.2	.7	(2)	.2	.3	2.9	3.3	2.1	.2	.7	.3
September	3.1	3.0	1.9	.3	.5	.3	1.2	2.8	2.2	(2)	.4	.2	2.6	2.8	2.0	.1	.4	.2
October	3.2	2.7	1.4	.3	.6	.4	.9	1.6	.8	(2)	.6	.2	3.1	3.2	2.0	.1	.9	.2
November	2.3	2.3	1.0	.3	.7	.3	1.1	1.3	.7	(2)	.4	.2	1.8	3.4	1.1	.2	2.0	.1
December	2.3	1.9	.9	.1	.6	.3	1.2	.8	.4	(2)	.2	.2	1.4	4.3	1.1	.1	2.9	.2
Photographic apparatus																		
1951: January	2.8	2.6	1.3	0.3	0.5	0.5	2.3	1.3	0.7	(2)	0.2	0.4	2.8	4.6	1.9	0.1	1.9	0.7
February	2.2	1.2	.7	.1	.4	.4	2.2	1.2	.7	(2)	.1	.4	2.7	2.1	1.4	.1	.4	.2
March	2.1	1.5	.3	.2	.1	.4	2.1	1.2	.8	(2)	.1	.3	3.6	3.2	2.2	.1	.5	.4
April	2.8	2.4	1.5	.2	.4	.3	2.3	1.1	.7	(2)	.1	.3	2.8	3.4	2.0	.2	.8	.4
May	2.3	2.3	1.4	.2	.3	.4	2.0	1.4	.9	(2)	.1	.4	2.8	2.5	1.6	.1	.6	.2
June	3.0	2.3	1.5	.2	.2	.4	3.2	1.1	.7	(2)	.2	.2	3.6	2.5	1.5	.2	.6	.2
July	2.4	2.4	1.4	.2	.6	.2	3.4	1.2	.9	(2)	.1	.2	2.4	2.2	1.6	.1	.3	.2
August	3.1	2.8	1.8	.2	.5	.3	1.3	1.2	.7	(2)	.2	.3	2.9	3.3	2.1	.2	.7	.3
September	3.1	3.0	1.9	.3	.5	.3	1.2	2.8	2.2	(2)	.4	.2	2.6	2.8	2.0	.1	.4	.2
October	3.2	2.7	1.4	.3	.6	.4	.9	1.6	.8	(2)	.6	.2	3.1	3.2	2.0	.1	.9	.2
November	2.3	2.3	1.0	.3	.7	.3	1.1	1.3	.7	(2)	.4	.2	1.8	3.4	1.1	.2	2.0	.1
December	2.3	1.9	.9	.1	.6	.3	1.2	.8	.4	(2)	.2	.2	1.4	4.3	1.1	.1	2.9	.2
Watches and clocks																		
1951: January	2.8	2.6	1.3	0.3	0.5	0.5	2.3	1.3	0.7	(2)	0.2	0.4	2.8	4.6	1.9	0.1	1.9	0.7
February	2.2	1.2	.7	.1	.4	.4	2.2	1.2	.7	(2)	.1	.4	2.7	2.1	1.4	.1	.4	.2
March	2.1	1.5	.3	.2	.1	.4	2.1	1.2	.8	(2)	.1	.3	3.6	3.2	2.2	.1	.5	.4
April	2.8	2.4	1.5	.2	.4	.3	2.3	1.1	.7	(2)	.1	.3	2.8	3.4	2.0	.2	.8	.4
May	2.3	2.3	1.4	.2	.3	.4	2.0	1.4	.9	(2)	.1	.4	2.8	2.5	1.6	.1	.6	.2
June	3.0	2.3	1.5	.2	.2	.4	3.2	1.1	.7	(2)	.2	.2	3.6	2.5	1.5	.2	.6	.2
July	2.4	2.4	1.4	.2	.6	.2	3.4	1.2	.9	(2)	.1	.2	2.4	2.2	1.6	.1	.3	.2
August	3.1	2.8	1.8	.2	.5	.3	1.3	1.2	.7	(2)	.2	.3	2.9	3.3	2.1	.2	.7	.3
September	3.1	3.0	1.9	.3	.5	.3	1.2	2.8	2.2	(2)	.4	.2	2.6	2.8	2.0	.1	.4	.2
October	3.2	2.7	1.4	.3	.6	.4	.9	1.6	.8	(2)	.6	.2	3.1	3.2	2.0	.1	.9	.2
November	2.3	2.3	1.0	.3	.7	.3	1.1	1.3	.7	(2)	.4	.2	1.8</td					

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries,
1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation								
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary				
Professional and scientific instruments										Miscellaneous manufacturing industries												
1951: January										Jewelry, silverware, and plated ware												
February	6.0	2.9	1.5	0.5	0.3	0.6	6.2	5.2	2.8	0.4	1.3	0.7	3.3	3.6	2.2	0.2	0.6	0.6				
March	4.6	2.4	1.4	.4	.1	.5	5.7	4.4	2.6	.4	.9	.5	4.8	4.1	3.0	.2	.4	.5				
April	4.6	2.5	1.6	.4	.2	.3	4.8	4.8	3.1	.3	.7	.7	3.3	3.9	2.6	.1	.6	.6				
May	3.9	3.0	1.8	.4	.4	.4	4.5	5.7	3.1	.4	1.6	.6	2.4	4.3	2.4	.1	1.3	.5				
June	4.2	2.7	1.7	.3	.3	.4	3.8	5.6	3.1	.4	1.8	.3	1.5	5.5	2.4	.2	2.3	.6				
July	4.7	2.8	1.8	.4	.1	.5	3.6	4.6	2.4	.3	1.5	.4	1.0	4.1	1.6	.1	2.1	.3				
August	3.9	3.1	1.6	.4	.9	.2	3.4	4.3	2.1	.3	1.3	.6	2.3	2.5	1.4	.1	.6	.4				
September	4.1	3.3	2.2	.3	.5	.3	4.8	6.0	3.2	.4	2.0	.4	2.1	3.9	2.2	.2	1.2	.3				
October	4.2	3.2	1.9	.4	.5	.4	5.2	6.1	3.4	.3	1.8	.6	1.9	3.9	1.9	.1	1.7	.2				
November	4.3	3.0	1.5	.5	.5	.5	4.9	5.3	2.6	.5	1.8	.4	2.6	4.5	1.9	.4	1.9	.3				
December	2.9	2.5	1.1	.4	.6	.4	4.4	6.1	2.2	.5	3.0	.4	1.7	3.5	1.4	.1	1.7	.3				
	3.0	2.0	1.0	.2	.4	.4	3.0	4.7	1.9	.2	2.2	.4	1.1	1.5	.9	(2)	.3	.3				
Nondurable goods group										Food and kindred products												
1951: January										Meat products												
February	4.2	3.8	2.0	0.3	0.9	0.6	5.1	5.2	2.2	0.4	2.0	0.6	7.4	6.8	2.7	0.6	2.6	0.9				
March	3.7	3.5	1.9	.3	.9	.4	4.9	6.0	2.2	.4	2.9	.5	5.5	11.0	2.6	.6	7.2	.6				
April	3.7	3.9	2.1	.3	1.0	.5	4.9	5.5	2.4	.4	2.3	.4	5.6	7.7	2.3	.3	4.6	.5				
May	3.3	4.0	2.2	.3	1.1	.4	4.5	5.3	2.4	.4	2.1	.4	5.7	5.6	2.4	.3	2.5	.4				
June	3.7	4.5	2.4	.3	1.4	.4	5.8	5.3	2.8	.5	1.7	.3	6.9	6.2	3.1	.6	2.0	.5				
July	4.6	3.8	2.1	.3	1.0	.4	7.6	4.7	2.6	.5	1.3	.3	7.8	5.7	2.3	.5	2.6	.3				
August	4.0	4.1	2.2	.3	1.2	.4	7.1	5.3	2.8	.6	1.6	.3	7.1	5.7	2.5	.6	2.3	.3				
September	4.0	5.3	3.0	.3	1.6	.4	6.5	6.6	4.0	.6	1.7	.3	7.0	7.0	3.3	.6	2.6	.5				
October	3.7	4.6	2.3	.3	1.7	.3	5.1	6.4	3.2	.6	2.3	.3	7.0	7.0	3.5	.5	2.5	.5				
November	3.7	4.4	1.8	.3	2.0	.3	5.6	4.9	2.4	.5	1.7	.3	6.5	6.2	2.6	.5	2.7	.4				
December	2.9	3.4	1.4	.2	1.5	.3	4.2	4.8	1.9	.4	2.3	.2	6.2	6.4	2.4	.7	3.0	.3				
Grain-mill products										Bakery products												
1951: January										Malt liquors												
February	4.4	3.4	2.2	0.5	0.1	0.6	3.4	3.6	2.3	0.3	0.5	0.5	3.2	4.3	0.8	0.1	3.0	0.4				
March	4.1	3.0	1.7	.4	.5	.4	5.0	3.5	2.3	.4	.5	.3	4.5	3.4	.9	.1	1.9	.5				
April	3.0	3.8	2.1	.3	.9	.5	4.7	4.3	2.8	.6	.6	.3	4.7	2.5	1.0	.1	1.2	.2				
May	2.6	4.1	2.4	.4	.9	.4	4.3	6.4	3.0	.6	2.5	.3	4.7	3.4	1.3	.5	1.3	.3				
June	4.4	4.0	2.9	.3	.5	.3	4.8	5.8	3.1	.5	2.0	.2	7.4	3.3	1.8	.5	.7	.3				
July	5.8	4.0	2.8	.4	.5	.3	8.2	5.0	3.6	.5	.7	.2	10.3	3.4	1.9	.7	.6	.2				
August	9.7	5.0	3.8	.8	.3	.1	5.8	4.8	3.1	.6	.9	.2	6.9	4.1	1.9	.6	1.4	.2				
September	7.4	6.5	4.6	1.0	.6	.3	6.0	5.6	3.8	.6	.9	.3	4.2	7.1	3.8	.7	2.2	.4				
October	6.4	7.1	4.7	.7	1.1	.6	5.8	6.0	4.2	1.0	.6	.2	2.9	8.4	5.2	.6	2.4	.2				
November	4.4	6.1	3.8	.7	1.3	.3	4.5	6.0	3.3	.7	1.8	.2	1.6	6.5	2.5	.3	3.3	.4				
December	5.1	4.4	2.8	.4	1.0	.2	3.4	4.1	2.3	.4	1.2	.2	1.8	3.5	.8	.2	2.3	.2				
	1.4	1.7	.9	.2	.4	.2	3.1	3.4	1.9	.4	.9	.2	2.7	2.8	.6	.3	1.8	.1				
Tobacco manufactures										Cigarettes												
1951: January										Cigars												
February	3.4	4.5	2.1	0.1	1.5	0.8	2.0	3.0	1.2	0.1	0.8	0.9	4.3	6.1	3.0	0.1	2.3	0.7				
March	4.0	3.2	1.6	.2	.4	1.0	2.3	2.5	.9	.1	.5	1.0	5.5	3.6	2.2	.1	.4	.9				
April	3.3	4.1	1.9	.3	1.0	.9	2.4	3.6	1.3	.2	.8	1.3	3.8	4.7	2.3	.3	1.4	.7				
May	3.3	4.8	2.2	.3	1.5	.8	2.2	2.8	1.1	.1	.4	1.2	3.7	6.1	2.9	.2	2.5	.5				
June	2.5	5.4	1.8	.3	2.6	.7	2.2	3.1	1.2	.2	.4	1.3	2.7	7.7	2.2	.2	4.8	.5				
July	3.4	3.4	1.9	.2	.6	.7	4.0	3.0	1.1	.2	.5	1.2	3.2	3.8	2.4	.3	.6	.5				
August	5.7	3.8	2.0	.3	.6	.9	7.5	3.2	1.2	.3	.5	1.2	5.5	4.2	2.6	.2	.5	.9				
September	6.1	4.5	2.5	.4	.7	.9	4.9	4.1	1.4	.2	.9	1.6	7.3	5.1	3.3	.4	.8	.6				
October	6.7	5.1	2.8	.5	1.0	.8	6.5	3.1	1.7	.2	(2)	1.2	7.1	6.7	3.6	.6	1.8	.7				
November	5.1	4.7	2.4	.4	1.1	.8	4.1	5.4	1.7	.2	2.4	1.1	6.3	4.2	2.9	.6	.1	.6				
December	3.2	4.1	1.8	.5	1.0	.8	2.6	5.0	.9	.2	2.7	1.2	3.9	4.1	2.7	.7	.2	.5				
	1.8	5.4	1.3	.2	3.2	.7	1.8	2.3	.6	.1	.2	1.4	1.7	8.1	1.8	.2	5.7	.4				

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries,
1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation				
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary
		Tobacco and snuff					Textile-mill products					Yarn and thread mills						
1951: January	3.6	2.1	1.3	0.2	0.1	0.5	4.2	3.5	1.8	0.2	0.8	0.7	5.1	3.6	1.8	0.2	0.9	0.7
February	2.5	2.5	.9	.4	.1	1.1	3.6	3.2	1.7	.3	.6	.6	3.8	3.7	1.8	.3	1.1	.5
March	3.5	2.7	1.5	.7	(2)	.5	3.3	3.6	2.0	.2	.8	.6	3.7	3.4	1.9	.2	.7	.6
April	3.9	3.8	1.9	.7	.4	.8	2.8	3.9	1.9	.3	1.3	.4	3.3	4.3	2.1	.2	1.5	.5
May	2.3	2.7	1.4	.6	.3	.4	3.1	5.1	2.2	.3	2.1	.5	3.3	5.0	2.1	.2	2.1	.6
June	2.6	3.4	1.6	.2	1.0	.6	3.5	4.0	1.7	.2	1.6	.5	4.0	4.2	1.5	.3	1.8	.6
July	2.3	3.9	1.6	.4	1.1	.8	3.5	4.4	1.9	.2	1.8	.5	3.9	4.6	1.8	.2	2.0	.6
August	4.3	3.3	1.9	.5	.1	.8	3.9	6.3	2.6	.3	2.8	.6	3.7	7.7	1.9	.2	5.0	.6
September	5.8	3.7	2.3	.5	.2	.7	3.8	5.4	2.4	.2	2.4	.4	4.5	5.8	1.7	.1	3.7	.3
October	3.3	4.8	2.0	.5	1.7	.6	3.9	5.7	2.0	.3	2.9	.5	3.4	7.8	1.8	.2	5.3	.5
November	2.4	2.0	.9	.6	.1	.4	3.6	4.7	1.6	.2	2.4	.5	2.9	4.9	1.4	.2	2.9	.4
December	1.9	2.4	.9	.2	.9	.4	2.8	3.6	1.2	.2	1.8	.4	2.6	3.6	1.0	.1	2.1	.4
		Broad-woven fabric mills					Cotton, silk, synthetic fiber					Woolen and worsted						
1951: January	4.4	4.0	1.9	0.3	0.9	0.9	4.2	3.7	2.0	0.3	0.5	0.9	5.6	6.1	1.0	0.2	3.8	1.1
February	3.9	3.2	1.8	.3	.4	.7	3.8	3.3	1.9	.3	.4	.7	4.7	2.4	.8	.2	.8	.6
March	3.6	3.6	2.1	.3	.5	.7	3.6	3.6	2.2	.3	.4	.7	3.3	3.0	1.0	.1	1.4	.5
April	3.2	3.6	1.9	.3	.9	.5	3.1	3.2	2.0	.3	.5	.4	4.0	4.7	1.3	.6	2.1	.7
May	3.5	4.9	2.5	.4	1.4	.6	3.5	4.7	2.7	.4	1.0	.6	2.9	6.8	1.1	.5	4.5	.7
June	3.5	4.0	1.9	.3	1.2	.6	3.4	3.9	2.0	.3	1.0	.6	4.7	4.6	1.1	.3	2.5	.7
July	3.6	4.2	2.1	.2	1.2	.7	3.3	4.1	2.2	.2	1.1	.6	6.3	4.2	1.0	.2	2.3	.7
August	4.5	6.2	2.9	.3	2.2	.8	4.4	5.9	3.0	.3	1.8	.8	6.0	9.1	1.5	.6	6.1	.9
September	4.0	5.4	2.6	.2	2.0	.6	4.0	4.9	2.8	.2	1.4	.5	4.5	9.2	1.3	.2	7.1	.6
October	3.9	5.9	2.2	.3	2.8	.6	3.8	5.6	2.3	.3	2.4	.6	5.6	9.2	.9	.7	6.9	.7
November	3.7	4.6	1.7	.2	2.0	.7	3.5	4.4	1.8	.2	1.7	.7	5.3	6.6	1.1	.1	4.8	.6
December	2.8	3.5	1.2	.2	1.6	.5	2.5	2.9	1.2	.2	1.1	.4	5.9	7.7	.7	.2	6.2	.6
		Knitting mills					Full-fashioned hosiery					Seamless hosiery						
1951: January	3.2	3.3	2.1	0.2	0.7	0.3	2.1	2.4	1.7	0.2	0.2	0.3	2.9	3.7	2.1	0.1	1.2	0.3
February	3.2	2.7	1.8	.2	.5	.2	1.9	2.2	1.7	.1	.2	.2	3.7	3.2	1.8	.2	1.0	.2
March	2.9	3.8	2.3	.2	1.1	.2	1.4	4.1	2.0	.1	1.7	.3	3.1	3.7	2.1	.1	1.3	.2
April	2.6	4.5	2.3	.2	1.8	.2	1.6	3.3	1.8	.3	1.0	.2	2.4	6.5	2.3	.1	3.9	.2
May	2.4	5.4	2.3	.2	2.7	.2	1.6	3.8	1.6	.1	1.9	.2	2.8	7.0	2.9	.1	3.8	.2
June	2.9	4.0	2.1	.2	1.6	.1	1.8	3.3	2.0	.1	1.1	.1	4.3	4.0	2.1	.1	1.6	.2
July	3.9	4.3	2.2	.1	1.9	.1	3.7	3.8	2.0	.1	1.6	.1	4.6	3.7	1.9	.1	1.5	.2
August	2.8	4.8	2.8	.2	1.7	.1	2.5	4.5	2.6	.2	1.5	.2	2.4	4.7	2.6	.1	1.9	.1
September	3.1	4.9	2.7	.2	1.9	.1	2.6	5.4	2.7	.2	2.4	.1	3.4	4.5	2.7	.1	1.5	.2
October	3.6	3.7	2.2	.2	1.1	.2	3.1	3.9	2.2	.2	1.3	.2	4.8	3.3	2.1	.1	.9	.2
November	2.8	3.9	1.8	.2	1.8	.1	2.2	4.0	1.7	.2	2.0	.1	3.7	2.5	1.8	.1	.5	.1
December	1.8	3.3	1.4	.1	1.7	.1	1.0	3.5	1.5	.1	1.7	.2	2.2	2.7	1.3	.1	1.1	.2
		Knit underwear					Dyeing and finishing textiles					Carpets, rugs, other floor coverings						
1951: January	5.1	3.8	2.7	0.2	0.7	0.2	4.0	2.5	1.1	0.2	0.5	0.7	2.0	2.3	1.0	0.2	0.4	0.7
February	4.4	2.6	2.1	.1	.3	.1	3.4	2.2	1.1	.3	.3	.5	2.1	2.2	.9	.2	.4	.7
March	4.7	3.6	2.9	.2	.4	.1	2.3	3.0	1.5	.3	.6	.6	2.4	2.0	1.1	.1	.2	.6
April	3.8	4.3	3.0	.2	1.0	.1	1.8	5.9	1.5	.2	3.6	.6	1.9	2.9	1.5	.2	.8	.4
May	2.6	5.3	2.8	.2	2.1	.2	2.4	5.9	1.2	.4	3.7	.6	1.4	5.0	1.5	.2	3.0	.3
June	3.3	4.2	2.4	.2	1.6	(2)	2.6	1.7	.8	.1	.3	.5	2.2	4.9	1.3	.1	3.1	.4
July	3.6	4.6	3.0	.2	1.2	.2	1.0	3.1	1.0	.1	1.5	.5	4.4	9.2	1.5	.1	7.2	.4
August	3.3	5.1	3.1	.2	1.7	.1	2.2	5.6	1.9	.2	3.0	.5	2.6	6.6	2.4	.3	3.5	.4
September	3.0	4.6	3.0	.2	1.3	.1	2.1	4.0	1.5	.2	2.0	.3	2.6	5.5	2.1	.2	2.9	.3
October	2.6	3.4	2.3	.1	1.0	(2)	3.9	3.6	1.3	.3	1.6	.4	3.1	3.4	1.7	.2	1.1	.4
November	2.4	4.7	2.0	.2	2.4	.1	4.1	2.6	1.1	.3	1.0	.2	2.1	3.7	1.7	.2	1.3	.5
December	2.2	3.3	1.5	.2	1.5	.1	3.6	2.0	.9	.2	.6	.3	1.8	2.1	1.0	.1	.7	.3

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries, 1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation					
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary	
Apparel and other finished textile products										Men's and boys' suits and coats					Men's and boys' furnishings and work clothing				
1951: January	5.0	4.1	2.9	0.2	0.7	0.3	4.6	3.4	2.1	0.2	0.6	0.5	5.2	5.0	3.5	0.2	1.0	0.3	
February	4.5	3.7	2.9	.2	.3	.3	3.1	3.2	2.1	.2	.5	.4	5.0	3.8	3.1	.2	.3	.2	
March	4.7	4.2	3.1	.2	.5	.4	3.5	3.7	2.6	.2	.4	.5	4.9	4.6	3.4	.2	.7	.3	
April	3.7	4.3	3.1	.2	.8	.2	3.0	4.3	2.1	.1	1.8	.3	3.9	4.8	3.6	.3	.7	.2	
May	3.7	5.0	3.2	.3	1.3	.2	3.6	5.5	2.5	.2	2.5	.3	3.6	5.3	3.4	.2	1.5	.2	
June	3.5	4.3	2.5	.2	1.4	.2	4.9	2.7	1.7	.1	.6	.3	3.2	5.3	2.8	.2	2.2	.1	
July	3.8	5.4	3.4	.3	1.5	.2	3.0	2.8	2.1	.1	.4	.2	3.7	6.6	4.2	.4	1.9	.1	
August	4.1	6.2	3.8	.3	1.9	.2	3.0	4.3	2.9	.1	1.0	.3	5.0	7.6	4.5	.3	2.6	.2	
September	4.0	5.8	3.6	.3	1.7	.2	2.8	5.6	2.6	.1	2.7	.2	4.6	6.2	4.2	.3	1.6	.1	
October	3.9	5.0	3.3	.2	1.3	.2	2.4	5.9	2.8	.2	2.3	.6	4.2	5.0	3.5	.2	1.2	.1	
November	5.2	7.9	2.7	.2	4.9	.1	8.7	15.6	1.9	.1	13.4	.2	3.2	5.6	3.0	.1	2.4	.1	
December	4.0	3.8	1.9	.3	1.5	.1	6.7	3.0	1.6	.1	1.0	.3	2.8	4.1	2.2	.4	1.4	.1	
Paper and allied products										Pulp, paper, and paperboard mills					Paperboard containers and boxes				
1951: January	3.7	3.5	1.8	0.3	0.6	0.8	2.8	2.7	1.2	0.2	0.3	1.0	4.9	4.6	2.7	0.4	0.6	0.9	
February	2.9	2.9	1.6	.3	.4	.6	2.3	2.1	1.1	.2	.2	.6	3.2	3.7	2.5	.4	.3	.5	
March	3.7	3.4	2.1	.3	.4	.6	3.0	2.7	1.5	.2	.4	.6	4.2	4.6	3.3	.4	.4	.5	
April	3.6	3.4	2.3	.3	.5	.5	3.0	2.9	1.8	.2	.4	.5	4.6	4.7	3.2	.7	.3	.5	
May	3.9	3.3	2.3	.3	.2	.5	3.4	2.6	1.6	.3	.2	.5	4.5	4.5	3.5	.4	.2	.4	
June	4.8	3.3	2.2	.3	.4	.4	5.0	2.7	1.8	.3	.2	.4	4.7	3.9	2.9	.4	.2	.4	
July	3.1	3.5	2.1	.3	.8	.3	3.0	2.8	1.7	.3	.4	.4	3.2	4.2	2.9	.3	.7	.3	
August	3.4	4.4	2.9	.3	.8	.4	3.1	3.4	2.4	.3	.3	.4	3.4	5.4	4.0	.4	.6	.4	
September	2.7	4.7	3.2	.3	.8	.4	2.5	3.9	2.9	.3	.3	.4	3.2	5.9	3.8	.4	1.3	.4	
October	2.7	3.8	2.2	.3	1.0	.3	2.0	3.0	1.7	.3	.6	.4	3.5	5.9	3.4	.3	1.8	.4	
November	2.5	3.2	1.5	.2	1.0	.5	1.8	2.4	1.2	.2	.6	.4	3.0	4.2	2.2	.2	1.4	.4	
December	1.7	2.4	1.2	.2	.7	.3	1.5	2.1	.9	.2	.7	.3	2.0	2.9	1.7	.3	.7	.2	
Chemicals and allied products										Industrial inorganic chemicals					Industrial organic chemicals				
1951: January	2.8	1.9	0.9	0.2	0.3	0.5	4.4	2.8	1.5	0.5	0.2	0.6	2.3	1.7	0.7	0.2	0.2	0.6	
February	2.5	1.6	.9	.2	.2	.3	3.3	2.3	1.4	.5	.1	.3	2.1	1.4	.7	.1	.1	.5	
March	2.6	1.9	1.1	.2	.2	.4	3.2	2.5	1.6	.4	.2	.3	2.4	1.6	.9	.2	.1	.4	
April	2.5	2.2	1.2	.2	.5	.3	3.7	2.3	1.7	.4	(2)	.2	2.3	1.7	.9	.2	.2	.4	
May	2.3	2.4	1.3	.3	.6	.2	4.0	3.0	2.0	.6	.2	.2	2.3	1.8	1.0	.2	.2	.4	
June	2.0	1.2	.2	.4	.2	.5	5.7	3.3	2.2	.5	.3	.3	3.3	1.6	1.0	.2	.2	.2	
July	2.5	1.9	1.2	.2	.3	.2	3.7	3.1	2.0	.6	.3	.2	2.2	1.6	1.0	.2	.2	.2	
August	2.2	3.0	1.8	.3	.7	.2	3.2	3.6	2.6	.5	.3	.2	2.1	2.8	1.4	.3	.8	.3	
September	2.2	3.1	2.0	.3	.5	.3	3.2	3.9	3.0	.4	.2	.3	1.8	3.1	1.8	.4	.6	.3	
October	2.0	2.2	1.1	.2	.7	.2	3.1	2.7	1.9	.4	.2	.2	1.6	2.7	.9	.2	1.3	.3	
November	1.6	2.0	.9	.2	.7	.2	3.0	3.0	1.7	.3	.8	.2	1.2	2.4	.7	.4	1.0	.3	
December	1.3	1.7	.7	.2	.5	.3	1.9	2.9	1.4	.4	.8	.3	1.1	1.6	.5	.1	.7	.3	
Synthetic fibers										Drugs and medicines					Paints, pigments, and fillers				
1951: January	1.5	1.2	0.4	0.1	0.1	0.6	2.3	1.5	0.8	0.1	0.1	0.5	2.5	2.0	1.0	0.3	0.2	0.5	
February	1.3	1.1	.5	(2)	.1	.5	2.5	1.1	.7	.1	.1	.2	2.3	2.0	1.1	.3	.2	.4	
March	1.8	1.5	.6	.1	(2)	.8	2.9	1.5	1.0	.2	(2)	.3	2.2	2.1	1.3	.3	.3	.2	
April	1.4	1.7	.7	.1	.3	.6	2.7	1.7	1.2	.1	.1	.3	2.7	2.2	1.3	.4	.3	.2	
May	1.4	1.6	.7	.1	.2	.6	2.2	1.8	1.3	.2	.1	.2	2.5	2.1	1.2	.4	.3	.2	
June	2.3	1.3	.7	.1	.1	.4	3.8	2.2	1.4	.1	.4	.3	4.4	1.8	1.2	.3	.1	.2	
July	1.7	1.4	.7	.1	.3	.3	2.5	1.6	1.2	.1	(2)	.3	2.5	2.1	1.3	.3	.3	.2	
August	2.1	3.8	.9	.1	2.3	.5	1.9	2.3	1.9	.1	.2	.1	1.7	4.1	2.4	.3	1.2	.2	
September	2.1	2.3	1.2	.1	6	.4	2.4	2.4	2.0	.1	.1	.2	1.8	4.2	2.4	.3	1.1	.4	
October	1.8	4.4	.6	.1	3.1	.6	2.2	1.4	1.1	.1	(2)	.2	1.9	2.3	1.4	.3	.3	.3	
November	1.3	2.8	.4	.1	1.9	.4	2.0	1.7	.9	.1	.5	.2	1.3	1.9	1.0	.3	.3	.3	
December	1.2	2.5	.4	.1	1.3	.7	1.7	1.0	.7	.1	(2)	.2	1.5	1.3	.8	.2	.1	.2	

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries, 1951¹—Continued

MANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation				
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary
Products of petroleum and coal																		
1951: January	1.4	1.2	0.5	0.1	0.1	0.5	1.1	0.8	0.3	(2)	0.1	0.4	4.2	3.4	2.0	0.2	0.6	0.6
February	1.4	1.0	.5	(2)	.1	.4	1.3	.7	.3	(2)	.1	.3	3.2	4.3	2.2	.3	1.3	.5
March	1.5	1.2	.6	.1	.1	.4	1.1	.7	.3	(2)	.1	.3	3.5	4.1	2.5	.3	.9	.4
April	1.6	1.0	.5	.1	.1	.3	1.5	.6	.4	(2)	(2)	.2	4.0	3.8	2.6	.3	.6	.3
May	1.6	1.1	.7	.1	.1	.2	1.5	.8	.4	.1	.1	.2	4.7	4.3	2.8	.3	.8	.4
June	2.6	1.1	.7	.1	(2)	.3	2.2	.7	.4	.1	(2)	.3	5.1	3.6	2.6	.3	.3	.4
July	1.4	1.3	.8	.1	.1	.3	1.2	.8	.4	(2)	.1	.3	3.5	3.3	2.3	.3	.4	.3
August	1.2	1.6	1.1	.1	.1	.3	1.0	1.2	.9	(2)	.1	.2	3.6	4.5	3.0	.3	.8	.4
September	1.5	1.8	1.4	(2)	.1	.3	1.2	1.4	1.0	(2)	.1	.3	3.8	3.8	2.8	.2	.5	.3
October	1.4	1.3	.7	.1	.2	.3	1.1	.8	.5	(2)	.1	.2	3.7	3.6	2.1	.2	.9	.4
November	.9	1.6	.6	.1	.7	.2	.6	.8	.4	(2)	.2	.2	3.0	3.4	1.9	.2	.9	.4
December	.6	1.5	.4	.1	.7	.3	.6	.8	.3	(2)	.2	.3	2.0	2.4	1.3	.2	.6	.3
Tires and inner tubes																		
1951: January	2.1	2.3	0.8	0.1	0.8	0.6	8.5	5.2	3.5	0.2	0.3	1.2	5.1	4.0	2.7	0.4	0.3	0.6
February	1.7	4.0	.8	.1	2.7	.4	5.0	4.7	3.0	.3	.3	1.1	4.0	4.6	3.2	.4	.6	.4
March	2.5	2.3	1.0	.1	.8	.4	4.6	6.1	4.5	.3	1.0	.4	4.0	5.1	3.3	.4	1.0	.4
April	2.3	1.9	1.0	.1	.4	.4	5.6	4.3	3.5	.1	.3	.4	5.2	5.4	3.8	.4	.8	.4
May	3.1	1.8	1.2	.1	.1	.4	6.8	4.9	3.7	.2	.2	.8	5.7	6.1	4.0	.4	1.4	.3
June	3.5	1.8	1.2	.1	.2	.3	6.1	5.4	3.7	.3	.1	1.3	6.2	4.8	3.6	.4	.5	.3
July	3.0	2.0	1.3	.2	.1	.4	3.7	3.7	2.7	.1	.6	.3	3.8	4.1	3.0	.4	.5	.2
August	2.8	2.4	1.5	.2	.3	.4	5.7	6.0	4.6	.2	.2	1.0	3.8	6.0	4.0	.4	1.4	.2
September	3.0	2.6	1.9	.2	.2	.3	4.5	5.2	4.0	.2	.1	.9	4.3	4.9	3.4	.3	1.0	.2
October	3.2	2.2	1.5	.2	.1	.4	4.8	4.4	3.0	.3	.2	.9	3.9	4.8	2.5	.3	1.7	.3
November	2.0	2.0	1.2	.1	.3	.4	4.1	4.5	2.7	.2	.7	.9	3.8	4.6	2.4	.3	1.6	.3
December	1.3	1.4	.7	.1	.3	.3	2.9	2.8	1.9	.1	.2	.6	2.5	3.2	1.6	.3	1.1	.2
Leather and leather products																		
1951: January	5.5	4.0	2.6	0.2	0.6	0.6	3.6	3.6	1.5	0.2	1.3	0.6	5.2	4.0	2.8	0.3	0.4	0.5
February	4.2	3.7	2.2	.3	.8	.4	2.1	3.0	1.1	.2	1.2	.5	4.4	3.8	2.6	.3	.5	.4
March	3.8	4.8	2.8	.3	1.3	.4	2.4	4.7	1.6	.2	2.5	.4	3.6	5.0	3.2	.2	1.2	.4
April	3.1	5.1	2.9	.2	1.5	.5	2.5	4.7	1.8	.1	2.4	.4	3.2	5.1	3.1	.2	1.3	.5
May	3.8	5.4	3.0	.2	1.9	.3	3.9	4.1	1.6	.1	2.1	.3	4.1	5.5	3.1	.2	1.8	.4
June	4.5	4.0	2.6	.2	.9	.3	3.2	3.1	1.5	.1	1.2	.3	5.0	4.0	2.7	.2	.7	.4
July	3.7	4.3	2.7	.2	1.0	.4	3.1	5.7	2.1	.2	3.1	.3	4.1	4.0	2.7	.2	.7	.4
August	3.2	6.0	3.5	.3	1.8	.4	2.5	7.8	2.0	.1	5.4	.3	3.8	6.2	3.9	.3	1.5	.5
September	3.5	5.9	3.3	.1	2.2	.3	3.9	8.8	1.9	.1	6.5	.3	3.7	6.0	3.7	.2	1.7	.4
October	4.2	5.4	2.8	.2	1.9	.5	4.8	4.8	2.0	.1	2.4	.3	4.0	5.4	2.9	.2	1.8	.5
November	4.4	4.7	2.1	.2	1.9	.5	5.3	4.0	1.4	.1	2.2	.3	4.2	4.8	2.2	.2	1.9	.5
December	4.5	3.5	1.7	.1	1.4	.3	3.0	3.4	1.0	.1	2.1	.2	4.8	3.6	1.8	.2	1.3	.3
NONMANUFACTURING																		
Metal mining																		
1951: January	4.7	3.8	2.5	0.4	0.2	0.7	2.6	2.0	0.8	0.1	0.3	0.8	5.4	4.5	3.3	0.3	0.1	0.8
February	3.9	3.7	2.7	.3	.3	.4	1.6	1.5	.7	(2)	.4	.4	3.9	4.3	3.4	.3	(2)	.6
March	4.0	4.8	3.4	.4	.4	.6	1.8	2.7	1.0	.1	1.1	.5	4.3	4.9	4.0	.3	(2)	.6
April	5.4	4.9	3.9	.4	.1	.5	5.6	2.1	1.4	.2	.1	.4	3.6	5.1	4.3	.2	.1	.5
May	5.8	5.4	4.4	.5	.1	.4	3.5	2.3	1.8	.2	(2)	.3	5.2	5.6	5.0	.2	(2)	.4
June	7.3	5.2	4.1	.6	.2	.3	4.4	2.4	1.6	.2	.2	.4	6.1	5.2	4.7	.2	(2)	.3
July	5.1	5.5	4.3	.6	.2	.4	2.6	2.4	1.7	.2	.1	.4	4.2	5.1	4.7	.2	(2)	.2
August	5.0	6.2	5.2	.5	.2	.3	2.7	2.7	2.1	.2	.2	.3	3.9	5.6	5.1	.2	.1	.2
September	5.7	5.9	5.0	.3	.2	.4	2.2	3.9	3.1	.2	.2	.4	6.2	5.5	5.0	.2	(2)	.3
October	5.9	4.7	3.7	.5	.2	.3	2.3	2.7	1.7	.2	.4	.4	5.5	4.2	3.7	.2	(2)	.3
November	5.8	4.6	3.1	.6	.6	.3	2.2	3.1	1.1	.2	1.4	.4	6.3	3.4	2.9	.3	(2)	.2
December	5.0	4.1	2.9	.5	.4	.3	1.5	2.4	1.0	.2	.8	.4	6.2	4.4	3.8	.3	(2)	.3

See footnotes at end of table.

TABLE B-2: Monthly labor turn-over rates (per 100 employees) in selected groups and industries,
1951¹—Continued

NONMANUFACTURING—Continued

Period	Ac- ces- sion	Separation					Ac- ces- sion	Separation					Ac- ces- sion	Separation					
		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary		Total	Quit	Dis- charge	Lay- off	Misc. includ- ing mil- itary	
Lead and zinc mining						Anthracite mining						Bituminous-coal mining							
1951: January		4.3	4.0	2.6	0.4	0.2	0.8	2.1	2.0	1.4	(2)	0.3	0.3	2.4	2.3	1.5	0.1	0.3	0.4
February		3.8	3.5	2.6	.2	.3	.4	1.7	2.1	1.2	(2)	.7	.2	1.6	2.8	1.4	.1	1.1	.2
March		3.5	4.0	3.1	.3	.1	.5	1.2	2.1	1.1	(2)	.7	.3	1.6	2.8	1.6	.1	.8	.3
April		4.4	5.3	4.4	.3	.2	.4	2.8	4.5	2.1	1	2.0	.3	1.6	3.5	1.9	.1	1.2	.3
May		6.3	6.0	4.9	.4	.4	.3	1.7	1.7	1.4	(2)	.2	.1	1.6	3.4	1.7	.1	1.3	.3
June		8.2	4.7	3.5	.4	.5	.3	2.0	3.6	1.3	(2)	2.1	.2	1.9	2.4	1.3	.1	.7	.3
July		4.8	5.1	4.2	.3	.3	.3	1.6	2.2	1.6	(2)	.4	.2	2.2	2.8	1.9	.1	.6	.2
August		5.2	6.7	5.3	.4	.7	.3	2.0	1.8	1.4	(2)	.3	.1	2.5	2.6	1.8	.1	.4	.3
September		6.4	6.0	5.1	.3	.4	.2	2.3	3.0	1.3	(2)	1.5	.2	2.0	2.9	1.7	.1	.8	.3
October		6.4	4.6	3.8	.3	.2	.3	1.9	1.9	1.4	(2)	.3	.2	2.1	2.4	1.5	.1	.5	.3
November		5.3	3.7	2.9	.3	.3	.2	1.6	1.4	1.1	(2)	.1	.2	1.9	2.3	1.3	(2)	.7	.3
December		4.2	2.9	1.9	.4	.3	.3	1.3	1.5	1.0	(2)	.3	.2	1.4	1.5	1.0	.1	.2	.2
Telephone						Telegraph													
1951: January		2.0	1.9	1.3	0.1	0.1	0.4	1.8	1.7	1.1	(2)	0.2	0.4						
February		2.2	1.7	1.2	.1	.1	.3	1.9	1.6	1.0	(2)	.2	.4						
March		2.5	2.0	1.5	.1	.1	.3	2.2	1.8	1.2	(2)	.2	.4						
April		2.6	2.0	1.5	.1	.1	.3	2.1	1.8	1.3	(2)	.3	.2						
May		2.5	2.1	1.7	.1	.1	.2	1.9	1.8	1.3	(2)	.2	.3						
June		4.1	2.4	1.9	.1	.2	.2	3.0	2.0	1.5	(2)	.1	.2						
July		3.6	2.3	1.9	.1	.1	.2	2.8	1.8	1.3	(2)	.3	.2						
August		2.5	2.6	2.1	.1	.2	.2	1.9	2.6	1.8	(2)	.1	.5						
September		2.5	3.2	2.6	.1	.3	.2	1.3	2.7	1.6	(2)	.9	.2						
October		2.9	2.4	1.9	.1	.2	.2	1.4	2.1	1.2	.1	.6	.2						
November		2.0	1.8	1.4	.1	.1	.2	1.2	1.8	1.0	.1	.5	.2						
December		1.6	1.9	1.4	.1	.2	.2	1.1	1.5	.9	.1	.4	.1						

¹ Excludes data for certain industries, such as canning, preserving, and fertilizers and, since April 1943, printing and publishing. Plants on strike are also excluded. Beginning January 1943, labor turn-over data cover total employment; for previous periods, they refer to produc-

tion workers only. Since January 1943, manufacturing firms reporting labor turn-over have been assigned industry codes on the basis of the major product currently made.

² Less than 0.05.

TABLE B-3: Monthly labor turn-over rates for men and women (per 100 employees) in selected manufacturing groups, selected periods, 1951¹

Class of turn-over and period	Manufacturing		Durable goods												Fabricated metal products (except ordnance, machinery, and transportation equipment)	
			Total: Durable goods		Ordnance and accessories		Lumber and wood products (except furniture)		Furniture and fixtures		Stone, clay, and glass products		Primary metal industries			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
Total accession:																
January	4.9	5.4	5.5	5.9	2.1	2.4	5.3	4.0	5.8	6.1	3.8	4.6	4.2	4.3	5.3	5.5
April	4.5	4.5	5.0	5.3	3.6	2.6	6.9	3.5	4.5	4.9	3.7	4.1	3.9	4.5	5.1	5.0
July	4.2	4.4	4.4	4.1	3.0	3.4	6.3	2.5	4.6	4.2	3.7	3.7	3.5	3.2	4.4	4.6
October	4.3	4.9	4.7	5.6	2.9	4.0	6.4	4.2	6.5	6.0	3.5	3.5	4.0	4.5	4.5	4.3
Total separations:																
January	4.1	4.2	4.4	4.4	3.1	4.1	6.4	2.7	6.3	6.1	3.5	3.4	3.4	3.1	4.7	4.6
April	4.5	4.6	4.9	4.7	3.5	2.1	6.5	2.8	9.1	6.2	3.4	3.9	3.6	2.9	4.7	4.4
July	4.2	4.7	4.5	4.6	2.7	1.4	7.1	8.1	7.7	6.6	3.5	3.6	3.4	2.6	5.5	6.3
October	4.5	5.2	4.6	5.1	2.7	2.3	6.9	4.6	6.1	4.4	3.6	5.6	3.4	3.2	5.7	5.9
Quits:																
January	2.0	2.5	2.1	2.4	.8	1.0	3.0	1.7	3.3	3.8	1.7	2.1	1.8	1.5	2.3	2.5
April	2.6	2.6	2.9	2.6	1.7	1.2	5.0	2.2	4.4	3.0	2.3	2.3	2.4	1.6	3.1	2.5
July	2.3	2.6	2.4	2.4	1.7	.9	4.5	3.2	3.2	3.3	2.1	2.2	2.2	1.9	2.8	2.5
October	2.4	2.6	2.6	2.5	1.7	1.4	4.8	3.1	3.5	2.7	2.2	2.0	2.3	1.9	2.7	2.1
Durable goods—Continued																
	Machinery (except electrical)		Electrical machinery		Transportation equipment		Instruments and related products		Miscellaneous manufacturing industries		Total: Non-durable goods		Food and kindred products		Tobacco manufactures	
Total accession:																
January	5.9	6.1	4.2	5.6	7.6	8.5	4.3	5.1	5.6	6.7	3.8	5.0	4.9	6.1	3.4	3.6
April	4.8	5.4	3.8	5.6	7.0	7.8	3.1	3.8	4.2	5.7	3.1	3.8	4.4	4.8	3.8	3.3
July	3.7	3.9	3.3	4.2	6.0	6.1	3.0	4.1	3.6	2.9	3.8	4.6	6.8	7.8	5.7	5.8
October	4.4	4.7	3.8	6.9	6.1	7.5	2.9	4.0	4.4	6.4	3.3	4.4	4.9	6.2	4.3	5.7
Total separations:																
January	3.6	3.3	3.9	5.4	5.2	3.8	2.2	3.7	5.0	5.1	3.5	4.1	5.0	5.7	3.6	5.1
April	4.0	3.3	3.8	6.2	6.6	4.6	2.3	3.0	5.4	5.8	3.7	4.5	4.9	6.4	4.1	4.9
July	3.7	3.5	2.6	5.1	5.3	4.6	2.0	3.1	3.9	4.2	3.6	4.8	4.9	6.3	3.8	3.9
October	3.7	3.7	3.5	5.9	5.6	5.2	2.0	3.7	4.8	6.3	4.5	5.2	6.1	7.3	4.7	4.7
Quits:																
January	2.0	2.2	1.5	2.9	2.2	1.9	1.1	1.9	2.6	2.7	1.6	2.6	2.1	2.6	1.8	2.5
April	2.6	2.3	1.7	3.0	3.2	2.1	1.3	1.9	3.0	3.3	1.9	2.6	2.5	2.3	2.0	2.2
July	2.1	2.5	1.2	2.6	2.4	2.3	1.0	2.1	2.0	2.1	1.9	2.8	2.8	2.8	1.6	2.2
October	2.3	2.6	1.7	3.1	2.5	2.5	1.1	1.9	2.5	2.6	2.1	2.7	3.2	3.5	2.2	2.5
Nondurable goods—Continued																
	Textile-mill products		Apparel and other finished textile products		Paper and allied products		Chemicals and allied products		Products of petroleum and coal		Rubber products		Leather and leather products			
Total accession:																
January	4.2	4.2	4.7	5.2	3.5	4.7	2.6	3.9	1.4	2.5	3.6	6.2	4.7	6.4	-----	-----
April	2.6	3.1	3.1	3.9	3.5	4.3	2.3	3.5	1.8	3.6	3.6	5.2	2.8	3.8	-----	-----
July	3.2	4.1	3.1	4.1	3.0	3.4	2.3	3.6	1.3	2.4	3.3	3.9	3.1	4.7	-----	-----
October	3.6	4.2	3.7	3.9	2.5	3.4	1.9	2.8	1.4	2.3	3.2	5.1	3.7	5.0	-----	-----
Total separations:																
January	3.7	3.4	4.2	4.2	3.4	4.4	1.9	2.3	1.0	3.0	3.3	3.8	3.8	4.6	-----	-----
April	3.9	4.1	4.6	4.4	3.4	3.9	2.0	3.2	1.1	1.2	3.5	4.5	5.1	5.0	-----	-----
July	4.4	4.5	5.6	5.2	3.2	4.9	1.7	2.9	1.2	1.8	3.0	3.9	4.3	4.3	-----	-----
October	5.6	5.6	6.1	4.9	3.9	4.1	2.1	3.3	1.1	4.8	3.3	4.6	5.8	5.0	-----	-----
Quits:																
January	1.7	2.0	2.1	3.1	1.6	2.5	.8	1.6	.4	1.6	1.8	2.7	2.2	3.5	-----	-----
April	1.8	2.1	2.3	3.4	2.2	2.8	1.1	2.0	.8	.9	2.4	3.1	2.9	3.0	-----	-----
July	1.8	2.0	2.1	3.7	1.9	2.8	1.0	2.1	.8	1.4	2.2	2.3	2.3	3.3	-----	-----
October	2.0	2.0	3.1	3.4	2.1	2.5	1.0	1.7	.7	1.8	2.0	2.5	2.7	3.0	-----	-----

¹ See footnote 1, table B-2.

Section C: Earnings, Hours, and Wage Rates

Data for State and area hours and earnings are presented here from 1947 through 1951 because additional information has become available for many of the States and revisions of previously published totals have been made

for many years previous to 1951. This supplement replaces in its entirety table C-2 of the 1950 edition of the Handbook of Labor Statistics.

TABLE C-2: Hours and gross earnings of production workers in manufacturing industries, by State, annual averages, 1947-51

State and year	Average weekly earnings	Average weekly hours	Average hourly earnings	State and year	Average weekly earnings	Average weekly hours	Average hourly earnings
<i>Alabama</i>				<i>Georgia</i>			
1949-----	\$43.34	39.4	\$1.10	1949-----	\$38.80	38.8	\$1.00
1950-----	47.32	40.1	1.18	1950-----	43.52	40.3	1.08
1951-----	50.93	40.1	1.27	1951-----	46.28	39.9	1.16
<i>Arizona</i>				<i>Idaho</i>			
1947-----	51.76	42.0	1.23	1951-----	69.60	40.7	1.71
1948-----	56.26	41.9	1.34				
1949-----	58.63	41.0	1.43	<i>Illinois</i>			
1950-----	62.63	42.9	1.46	1947-----	54.22	41.4	1.31
1951-----	66.81	43.1	1.55	1948-----	58.49	41.0	1.43
<i>Arkansas</i>				1949-----	58.05	39.7	1.49
1949-----	38.92	41.4	.94	1950-----	62.34	41.0	1.52
1950-----	42.33	41.5	1.02	1951-----	68.72	41.4	1.66
1951-----	44.19	40.5	1.09	<i>Indiana</i>			
<i>California</i>				1948-----	58.27	40.6	1.43
1947-----	56.17	39.5	1.42	1949-----	59.66	39.7	1.50
1948-----	59.57	38.8	1.53	1950-----	64.86	41.3	1.57
1949-----	61.89	38.8	1.60	1951-----	72.41	42.0	1.72
1950-----	65.39	39.7	1.65	<i>Iowa</i>			
1951-----	71.79	40.5	1.77	1949-----	55.72	40.9	1.36
<i>Colorado</i>				1950-----	58.16	41.5	1.40
1951-----	64.02	41.3	1.55	1951-----	65.23	42.0	1.55
<i>Connecticut</i>				<i>Kansas</i>			
1948-----	55.27	41.3	1.34	1949-----	55.70	41.3	1.35
1949-----	53.57	39.1	1.37	1950-----	50.18	41.5	1.43
1950-----	59.69	41.6	1.43	1951-----	67.84	43.1	1.58
1951-----	67.20	42.6	1.58	<i>Louisiana</i>			
<i>Delaware</i>				1950-----	50.63	40.5	1.25
1947-----	43.65	40.3	1.08	1951-----	54.80	41.2	1.33
1948-----	47.56	40.1	1.19	<i>Maine</i>			
1949-----	48.61	38.7	1.26	1948-----	47.55	41.0	1.16
1950-----	52.67	39.4	1.33	1949-----	45.81	39.8	1.15
1951-----	57.88	40.1	1.44	1950-----	48.93	41.1	1.19
<i>Florida</i>				1951-----	52.44	40.2	1.31
1948-----	41.18	42.9	.96	<i>Maryland</i>			
1949-----	42.39	42.2	1.00	1950-----	55.46	40.8	1.36
1950-----	46.20	42.3	1.09	1951-----	60.84	40.9	1.49
1951-----	49.83	42.6	1.17				

See footnotes at end of table.

TABLE C-2: Hours and gross earnings of production workers in manufacturing industries, by State, annual averages, 1947-51—Continued

State and year	Average weekly earnings	Average weekly hours	Average hourly earnings	State and year	Average weekly earnings	Average weekly hours	Average hourly earnings
<i>Massachusetts</i>							
1947	\$47.87	(1)	(1)	1948	\$52.14	42.7	\$1.22
1948	51.46	(1)	(1)	1949	53.41	41.4	1.29
1949	51.42	(1)	(1)	1950	57.10	42.3	1.35
1950	55.98	40.6	\$1.38	1951	62.60	42.3	1.48
1951	60.75	40.5	1.50				
<i>Michigan</i>							
1947	56.63	40.1	1.42	1950	70.00	39.1	1.79
1948	61.61	39.8	1.55	1951	75.61	39.1	1.94
1949	63.13	39.1	1.62				
1950	71.30	41.5	1.72	<i>Pennsylvania</i>			
1951	74.59	40.1	1.86	1947	48.04	39.6	1.21
<i>Minnesota</i>							
1947	48.61	41.3	1.18	1948	52.84	39.7	1.33
1948	53.35	41.1	1.30	1949	52.94	38.4	1.38
1949	55.15	40.4	1.37	1950	57.01	39.7	1.43
1950	59.06	41.1	1.44	1951	63.74	40.2	1.59
1951	64.59	41.5	1.55				
<i>Mississippi</i>							
1950	39.68	41.0	.97	1949	44.10	39.8	1.11
1951	42.40	41.1	1.03	1950	48.51	39.6	1.23
<i>Missouri</i>							
1949	51.38	39.0	1.32	1951	47.48	39.9	1.19
1950	54.99	39.9	1.38				
1951	59.94	40.0	1.50	<i>South Dakota</i>			
<i>Nebraska</i>							
1950	53.23	42.2	1.26	1950	55.87	43.2	1.29
1951	58.84	42.6	1.38	1951	58.46	43.3	1.35
<i>Nevada</i>							
1950	72.16	42.7	1.69	1948	42.82	40.4	1.06
1951	73.54	41.2	1.79	1949	44.35	39.6	1.12
<i>New Hampshire</i>							
1947	43.28	40.9	1.06	1950	47.84	40.2	1.19
1948	46.73	40.2	1.16	1951	51.86	40.2	1.29
1949	45.49	38.6	1.18				
1950	48.64	40.2	1.21	<i>Tennessee</i>			
1951	54.27	40.5	1.34	1948	42.82	40.4	1.06
<i>New Jersey</i>							
1947	52.26	40.7	1.28	1949	44.35	39.6	1.12
1948	56.42	40.5	1.39	1950	47.84	40.2	1.19
1949	56.97	39.4	1.45	1951	51.86	40.2	1.29
1950	61.65	40.8	1.51				
1951	67.28	41.1	1.64	<i>Texas</i>			
<i>New Mexico</i>							
1949	53.65	42.4	1.26	1947	47.00	42.7	1.10
1950	58.23	42.2	1.38	1948	51.92	42.8	1.21
1951	68.02	43.6	1.56	1949	53.34	42.0	1.27
<i>New York</i>							
1947	53.96	39.9	1.35	1950	57.10	42.3	1.35
1948	57.59	39.5	1.46	1951	62.75	42.4	1.48
1949	(1)	(1)	(1)				
1950	59.55	39.3	1.52	<i>Utah</i>			
1951	64.90	39.7	1.63	1949	55.34	40.1	1.38
<i>North Carolina</i>							
1947	37.28	39.2	.95	1950	57.94	40.8	1.42
1948	40.52	38.5	1.05	1951	64.53	41.1	1.57
1949	(1)	(1)	(1)				
1950	43.46	39.5	1.10	<i>Vermont</i>			
1951	46.00	39.1	1.18	1949	46.16	40.5	1.14
<i>North Dakota</i>							
1951	59.72	44.9	1.33	1950	50.77	41.9	1.21
<i>Wisconsin</i>							
1947	51.69	42.4	1.22	1948	56.31	41.9	1.34
1948	56.31	41.9	1.30	1949	56.39	40.4	1.40
1949	56.39	40.4	1.35	1950	61.71	41.9	1.47
1950	61.71	41.9	1.40	1951	68.77	42.5	1.62
<i>Wyoming</i>							
1950	68.36	39.4	1.74	1951	71.89	39.2	1.83

¹ Not available.

² Revised series; not strictly comparable with preceding data shown.

NOTE: Data were prepared in cooperation with State agencies. For list of State addresses, see table A-2.

TABLE C—2a: Hours and gross earnings of production workers in manufacturing industries for selected areas, annual averages, 1947–51

Area and year	Average weekly earnings	Average weekly hours	Average hourly earnings	Area and year	Average weekly earnings	Average weekly hours	Average hourly earnings
Alabama:				Illinois:			
Birmingham:				Davenport-Rock Island-Moline:			
1950-----	\$54.00	40.0	\$1.35	1951-----	\$73.05	40.5	\$1.80
1951-----	60.35	40.5	1.49	Peoria:			
Mobile:				1951-----	71.38	41.9	1.71
1951-----	54.95	40.7	1.35	Rockford:			
Arkansas:				1951-----	75.57	45.5	1.66
Little Rock-N. Little Rock:				Iowa:			
1949-----	40.70	42.4	.96	Des Moines:			
1950-----	43.36	42.1	1.03	1950-----	60.43	40.6	1.49
1951-----	45.67	41.9	1.09	1951-----	66.39	40.0	1.66
California:				Kansas:			
Los Angeles:				Topeka:			
1947-----	55.63	39.3	1.42	1950-----	55.43	42.0	1.32
1948-----	59.39	39.1	1.52	1951-----	60.26	41.6	1.45
1949-----	61.38	38.8	1.58	Wichita:			
1950-----	64.69	39.9	1.62	1950-----	61.34	40.6	1.51
1951-----	71.22	40.9	1.74	1951-----	75.44	44.9	1.68
Sacramento:				Louisiana:			
1947-----	56.43	40.8	1.38	New Orleans:			
1948-----	57.12	38.2	1.49	1950-----	49.38	39.5	1.25
1949-----	60.65	39.0	1.56	1951-----	53.20	40.0	1.33
1950-----	62.44	39.0	1.60	Maine:			
1951-----	72.03	41.1	1.75	Portland:			
San Diego:				1949-----	47.09	40.4	1.17
1947-----	51.66	37.8	1.37	1950-----	50.45	41.4	1.22
1948-----	48.55	34.6	1.40	1951-----	53.92	41.2	1.31
1949-----	60.22	38.3	1.57	Maryland:			
1950-----	60.82	38.0	1.60	Baltimore:			
1951-----	70.39	40.9	1.72	1950-----	58.67	41.1	1.43
San Francisco-Oakland:				1951-----	64.35	41.2	1.56
1947-----	57.67	39.3	1.47	Massachusetts:			
1948-----	61.18	38.5	1.59	Boston:			
1949-----	63.49	38.5	1.65	1951-----	62.37	40.7	1.53
1950-----	67.07	39.1	1.71	Fall River:			
1951-----	73.11	39.5	1.85	1951-----	46.34	37.0	1.25
San Jose:				New Bedford:			
1947-----	54.10	40.4	1.34	1951-----	52.43	38.9	1.35
1948-----	57.31	39.2	1.46	Springfield-Holyoke:			
1949-----	59.22	39.8	1.49	1951-----	64.74	41.5	1.56
1950-----	61.26	40.1	1.53	Worcester:			
1951-----	69.30	41.4	1.67	1951-----	67.72	41.1	1.65
Stockton:				Michigan:			
1951-----	68.75	40.6	1.69	Detroit:			
Connecticut:				1950-----	73.64	41.0	1.80
Bridgeport:				1951-----	76.20	39.3	1.94
1949-----	54.88	39.2	1.40	Flint:			
1950-----	60.36	41.2	1.46	1951-----	76.08	40.0	1.90
1951-----	68.48	42.1	1.63	Grand Rapids:			
Hartford:				1951-----	70.64	41.6	1.70
1950-----	63.32	42.5	1.49	Lansing:			
1951-----	75.60	45.1	1.68	1951-----	77.43	40.2	1.93
New Britain:				Muskegon:			
1950-----	57.29	40.7	1.41	1951-----	75.18	39.4	1.91
1951-----	68.67	43.9	1.56	Saginaw:			
New Haven:				1951-----	74.68	42.0	1.78
1950-----	55.23	40.7	1.36	Minnesota:			
1951-----	60.27	41.0	1.47	Duluth:			
Stamford:				1947-----	49.02	39.5	1.24
1950-----	64.97	41.4	1.57	1948-----	54.68	40.5	1.35
1951-----	70.41	42.0	1.68	1949-----	55.42	39.0	1.42
Waterbury:				1950-----	60.31	39.9	1.51
1950-----	63.04	42.5	1.48	1951-----	66.16	40.1	1.65
1951-----	66.11	42.3	1.56	Minneapolis:			
Delaware:				1947-----	48.62	41.1	1.18
Wilmington:				1948-----	52.80	40.4	1.31
1947-----	52.34	41.5	1.26	1949-----	55.20	40.5	1.36
1948-----	56.87	40.8	1.39	1950-----	59.71	41.0	1.46
1949-----	58.47	39.9	1.47	1951-----	65.82	41.7	1.58
1950-----	62.63	41.4	1.51	St. Paul:			
1951-----	68.64	41.6	1.65	1947-----	48.61	41.3	1.18
Florida:				1948-----	54.11	40.9	1.32
Tampa-St. Petersburg:				1949-----	56.78	39.9	1.42
1950-----	43.75	40.4	1.08	1950-----	61.53	40.9	1.50
1951-----	47.34	41.0	1.16	1951-----	66.03	40.5	1.63
Georgia:				Missouri:			
Atlanta:				Kansas City:			
1949-----	46.28	39.9	1.16	1950-----	59.62	40.9	1.46
1950-----	49.65	40.7	1.22	1951-----	65.80	41.3	1.60
1951-----	53.19	40.6	1.31	St. Louis:			
Savannah:				1951-----	63.11	39.9	1.58
1949-----	46.48	41.5	1.12	New Hampshire:			
1950-----	51.96	41.9	1.24	Manchester:			
1951-----	55.59	41.8	1.33	1949-----	44.02	37.2	1.18

See footnotes at end of table.

TABLE C—2a: Hours and gross earnings of production workers in manufacturing industries for selected areas, annual averages, 1947–51—Continued

Area and year	Average weekly earnings	Average weekly hours	Average hourly earnings	Area and year	Average weekly earnings	Average weekly hours	Average hourly earnings
New Jersey.				Pennsylvania:			
Newark-Jersey City:				Allentown-Bethlehem-Easton:			
1949.....	\$58.51	39.8	\$1.47	1947.....	\$47.48	38.6	\$1.24
1950.....	63.52	41.3	1.54	1948.....	52.35	38.9	1.35
1951.....	69.01	41.6	1.66	1949 ²	49.95	37.7	1.33
Paterson:				1950.....	53.72	38.9	1.38
1949.....	56.30	39.4	1.43	1951.....	61.62	39.6	1.56
1950.....	61.53	41.1	1.50	Erie:			
1951.....	67.94	41.3	1.65	1947.....	53.07	42.6	1.25
Perth Amboy:				1948.....	57.55	42.2	1.37
1949.....	57.53	39.7	1.45	1949.....	59.02	40.4	1.46
1950.....	61.43	40.6	1.51	1950.....	63.48	41.9	1.52
1951.....	67.65	41.2	1.64	1951.....	67.65	41.1	1.65
Trenton:				Harrisburg:			
1949.....	56.87	39.6	1.44	1947.....	43.16	38.7	1.12
1950.....	61.51	40.9	1.50	1948.....	49.03	39.5	1.25
1951.....	65.85	40.7	1.62	1949.....	48.31	38.8	1.25
New Mexico:				1950.....	51.55	39.9	1.29
Albuquerque:				1951.....	57.89	40.4	1.43
1950.....	57.15	44.3	1.29	Johnstown:			
1951.....	69.00	45.1	1.53	1947.....	49.98	37.0	1.35
New York:				1948.....	55.01	37.6	1.47
Albany-Schenectady-Troy:				1949.....	54.55	36.6	1.49
1947.....	50.32	39.8	1.26	1950.....	58.70	37.5	1.56
1948.....	57.04	40.1	1.42	1951.....	67.73	38.7	1.75
1949.....	57.74	39.1	1.48	Lancaster:			
1950.....	62.63	40.5	1.54	1947.....	44.08	41.0	1.07
1951.....	70.75	41.5	1.70	1948.....	48.98	41.3	1.19
Binghamton:				1949.....	47.64	40.0	1.19
1947.....	51.57	39.6	1.30	1950.....	52.07	41.1	1.27
1948.....	54.54	39.6	1.38	1951.....	57.63	41.4	1.39
1949.....	52.84	37.7	1.43	Philadelphia:			
1950.....	57.50	38.8	1.48	1947.....	52.19	40.5	1.28
1951.....	61.05	39.2	1.56	1948.....	56.11	40.3	1.38
Buffalo:				1949.....	56.00	39.0	1.44
1947.....	54.35	40.7	1.34	1950.....	59.86	40.2	1.49
1948.....	59.21	40.5	1.46	1951.....	65.89	40.7	1.62
1949.....	61.03	39.8	1.54	Pittsburgh:			
1950.....	66.45	41.3	1.61	1947.....	53.77	38.9	1.34
1951.....	73.76	41.7	1.77	1948.....	59.82	39.6	1.50
Elmira:				1949.....	59.79	38.2	1.57
1947.....	51.50	40.5	1.27	1950.....	64.43	39.7	1.62
1948.....	54.41	39.7	1.37	1951.....	72.85	40.7	1.79
1949.....	56.83	39.9	1.42	Reading:			
1950 ²	58.38	40.0	1.46	1947.....	47.52	39.6	1.21
1951.....	64.85	40.7	1.60	1948.....	53.42	40.1	1.34
New York City:				1949.....	53.28	38.5	1.38
1947.....	58.53	38.6	1.52	1950.....	57.32	40.0	1.43
1948.....	61.03	37.8	1.62	1951.....	60.96	39.1	1.56
1949.....	(1)	(1)	(1)	Scranton:			
1950 ²	58.93	37.6	1.57	1947.....	39.93	38.9	1.02
1951.....	63.23	37.8	1.67	1948.....	43.39	39.0	1.11
Rochester:				1949.....	41.84	37.8	1.11
1947.....	52.74	40.4	1.31	1950.....	45.09	38.7	1.17
1948.....	56.84	40.0	1.42	1951.....	47.84	38.3	1.25
1949.....	57.45	39.1	1.47	Wilkes-Barre-Hazleton:			
1950.....	62.00	40.7	1.52	1947.....	40.61	38.7	1.05
1951.....	69.43	41.5	1.68	1948.....	45.47	39.2	1.17
Syracuse:				1949 ²	40.55	36.9	1.10
1947.....	52.93	42.2	1.25	1950.....	42.93	37.3	1.15
1948.....	55.49	41.3	1.34	1951.....	45.64	36.6	1.25
1949.....	55.02	39.9	1.38	York:			
1950.....	61.33	41.9	1.46	1947.....	42.75	41.2	1.05
1951.....	68.86	42.8	1.61	1948.....	45.98	41.3	1.13
Utica-Rome:				1949.....	44.99	39.5	1.14
1947.....	50.11	40.8	1.23	1950.....	49.33	40.5	1.22
1948.....	54.04	40.1	1.35	1951.....	54.80	41.2	1.33
1949.....	52.72	38.4	1.37	Rhode Island:			
1950.....	58.02	40.6	1.43	Providence:			
1951.....	62.25	40.3	1.55	1949.....	48.17	39.1	1.23
North Carolina:				1950.....	51.98	40.5	1.28
Charlotte:				1951.....	56.38	40.5	1.39
1949.....	43.76	39.6	1.11	South Carolina:			
1950.....	47.01	40.5	1.16	Charleston:			
1951.....	49.48	40.1	1.24	1950.....	41.70	40.1	1.04
Oklahoma:				1951.....	45.65	40.4	1.13
Oklahoma City:				South Dakota:			
1950.....	54.91	42.9	1.28	Sioux Falls:			
1951.....	60.48	43.2	1.40	1950.....	62.84	44.5	1.41
Tulsa:				1951.....			
1950.....	58.10	42.1	1.38	Tennessee:			
1951.....	66.37	43.1	1.54	Chattanooga:			
Oregon:				1950.....	48.64	40.2	1.21
Portland:				1951.....	53.59	40.6	1.32
1950.....	65.46	39.0	1.68	Knoxville:			
1951.....	70.59	39.1	1.82	1950.....	53.19	40.6	1.31
				1951.....	58.49	40.9	1.43

See footnotes at end of table.

TABLE C-2a: Hours and gross earnings of production workers in manufacturing industries for selected areas, annual averages, 1947-51—Continued

Area and year	Average weekly earnings	Average weekly hours	Average hourly earnings	Area and year	Average weekly earnings	Average weekly hours	Average hourly earnings
Tennessee—Continued				Wisconsin—Continued			
Memphis:				Kenosha—Continued			
1950-----	\$53.00	42.4	\$1.25	1950-----	\$66.21	40.9	\$1.62
1951-----	58.22	42.5	1.37	1951-----	73.74	41.2	1.79
Nashville:				La Crosse:			
1950-----	48.64	40.2	1.21	1947-----	47.63	40.0	1.19
1951-----	53.20	40.3	1.32	1948-----	51.69	39.8	1.30
Utah:				1949-----	57.97	40.3	1.44
Salt Lake City:				1950-----	60.45	40.2	1.50
1950-----	59.62	41.4	1.44	1951-----	63.11	39.2	1.61
1951-----	65.94	42.0	1.57	Madison:			
Vermont:				1947-----	49.74	40.7	1.22
Burlington:				1948-----	54.49	40.3	1.35
1949-----	46.65	39.3	1.19	1949-----	55.25	38.8	1.42
1950-----	49.32	39.9	1.24	1950-----	59.52	40.0	1.49
1951-----	55.03	40.5	1.36	1951-----	69.36	41.3	1.68
Washington:				Milwaukee:			
Seattle:				1947-----	55.29	41.5	1.33
1951-----	72.60	39.1	1.85	1948-----	60.53	41.3	1.47
Spokane:				1949-----	59.35	39.5	1.50
1951-----	70.02	40.3	1.73	1950-----	65.80	41.2	1.60
Tacoma:				1951-----	74.79	42.2	1.77
1951-----	69.63	38.1	1.83	Racine:			
Wisconsin:				1947-----	57.66	42.1	1.37
Kenosha:				1948-----	63.27	41.7	1.52
1947-----	56.51	40.5	1.40	1949-----	62.04	39.7	1.56
1948-----	60.51	39.9	1.52	1950-----	66.05	40.9	1.61
1949-----	61.01	39.0	1.56	1951-----	75.54	41.9	1.80

¹ Not available.

² Revised series; not strictly comparable with preceding data shown.

NOTE: Data were prepared in cooperation with State agencies. For list of addresses of State agencies, see table A-2.

TABLE C-8: Cash wage rates of hired farm workers, total and geographic divisions, 1951

Period ¹	United States average wage rate					Composite wage rate per month ²									
	Per day		Per month		Composite wage rate per month (1910-14=100)	Index (1910-14=100)	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
	With board	Without board	With board	Without board											
1951-----	(3)	(3)	(3)	(3)	\$116.00	481	\$139.00	\$131.00	\$134.00	\$143.00	\$89.00	\$76.00	\$104.00	\$151.00	\$171.00
United States average cash wage rate															
Period	Per month			Per week			Per day			Per hour			Composite wage rate per hour ⁴ (1910-14=100)	Index ⁵ (1910-14=100)	
	With board and room	With house	With board and room	With board or room	With board and room	With house	Without board or room	With house	Without board or room	With house	Without board or room				
1951: January-----	\$105.00	\$127.00	\$24.25	\$31.75	\$4.50	\$3.75	\$4.65	\$0.59	\$0.79	\$0.626	.450				
April-----	107.00	128.00	26.00	33.50	4.35	3.75	4.70	.57	.78	.535	.479				
July-----	115.00	146.00	28.00	35.25	5.40	3.90	4.95	.75	.82	.624	.475				
October-----	116.00	138.00	28.50	35.25	5.00	4.10	5.50	.81	.73	.656	.476				
Annual average-----	113.00	137.00	27.25	34.50	5.00	3.90	5.00	.69	.77	.625	.481				

¹ Quarterly reports are for approximately the second or third day before the first of the reporting month.

² Weighted averages of monthly rates with and without board and daily rates with and without board converted to a monthly basis. Monthly composite wage rates are an approximate measure of the trend of farm wages but have limited validity as a measure of actual wage levels.

³ No longer collected.

⁴ Types of wage rates, other than hourly rates, are converted to hourly equivalents on the basis of average hours worked per time unit and all rates weighted by the estimated number of workers employed at each rate. The hourly composite is a reasonably accurate approximation of the average hourly cash earnings of all hired farm workers.

⁵ Quarterly data seasonally adjusted.

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics, Farm Labor, January 1950, and current releases.

TABLE C-9: Indexes of average salary rates for firemen and policemen in cities of 100,000 population or more, selected periods, 1951

[1939=100]

Period	Index		
	Firemen and policemen	Firemen	Policemen
1951-----	160	162	159

TABLE C-10: Indexes of urban school teachers' salaries, by size of city, 1951

[1939=100]

Period	All cities	Size groups			
		500,000 and over	250,000 and under 500,000	100,000 and under 250,000	50,000 and under 100,000
1951-----	173	156	183	190	192

TABLE C-11: Indexes of union hourly wage rates and weekly hours in selected industries and trades, 1951

[1939=100]

Period	Building trades						Printing trades						Trucking						Drivers and helpers		Drivers		Helpers		
	All workers		Journeymen		Helpers and laborers		All printing			Book and job		Newspaper			Local transit ¹		Baking		Drivers and helpers		Drivers		Helpers		
	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	Hourly wage rate	Weekly hours	
1951-----	189.1	100.2	184.0	101.1	225.3	97.2	202.9	95.1	202.0	93.9	205.0	97.0	206.5	203.4	97.7	206.9	92.1	205.1	91.9	219.6	93.1				

¹ No index of weekly hours computed for this industry.

TABLE C-12: Union hourly wage rates in selected building construction trades in 37 cities, 1951¹

City	Bricklayers	Carpenters	Electricians	Painters	Plumbers
Atlanta, Ga.	\$2.750	\$2.000	\$2.500	\$2.000	\$2.750
Baltimore, Md.	3.200	2.420	2.750	2.050	2.500
Birmingham, Ala.	2.750	2.125	2.500	2.250	2.500
Boston, Mass.	2.888	2.475	2.750	2.250	2.695
Buffalo, N. Y.	3.020	2.525	2.750	2.338	2.650
Charleston, S. C.	2.500	1.925	2.350	1.750	2.500
Chicago, Ill.	2.750	2.700	2.775	2.600	2.700
Cincinnati, Ohio	2.840	2.475	2.700	2.310	2.640
Cleveland, Ohio	2.700	2.825	2.825	2.450	2.825
Dallas, Tex.	3.125	2.250	2.500	2.125	2.613
Denver, Colo.	3.000	2.350	2.650	2.340	2.650
Detroit, Mich.	2.850	2.600	2.850	2.350	2.700
Indianapolis, Ind.	2.750	2.530	2.625	2.325	2.665
Jacksonville, Fla.	2.650	2.100	2.500	1.890	2.500
Kansas City, Mo.	2.675	2.365	2.550	2.255	2.625
Little Rock, Ark.	3.250	2.000	2.250	2.000	2.310
Los Angeles, Calif.	2.750	2.350	2.750	2.380	2.750
Louisville, Ky.	2.915	2.250	2.550	2.050	2.500
Manchester, N. H.	2.775	2.000	2.000	1.600	2.300
Memphis, Tenn.	3.000	2.125	2.600	2.188	2.640
Milwaukee, Wis.	2.650	2.690	2.450	2.200	2.585
Minneapolis, Minn.	2.650	2.330	2.585	2.255	2.550
Newark, N. J.	3.400	3.250	3.250	2.650	3.100
New Orleans, La.	2.700	2.060	2.500	1.800	2.450
New York, N. Y.	3.250	3.000	3.200	2.600	3.000
Omaha, Nebr.	2.750	2.275	2.580	2.000	2.580
Philadelphia, Pa.	3.250	2.650	3.125	2.225	2.750
Pittsburgh, Pa.	3.000	2.750	2.950	2.558	2.875
Portland, Oreg.	3.000	2.300	2.600	2.300	2.770
Providence, R. I.	2.775	2.250	2.400	2.000	2.400
Richmond, Va.	2.750	2.050	2.250	1.825	2.475
St. Louis, Mo.	3.000	2.700	2.625	2.500	2.625
Salt Lake City, Utah	2.750	2.050	2.400	2.000	2.500
San Francisco, Calif.	3.250	2.450	2.750	2.450	2.750
Scranton, Pa.	2.875	2.250	2.500	2.063	2.425
Seattle, Wash.	3.300	2.420	2.650	2.370	2.750
Washington, D. C.	3.000	2.625	3.000	2.520	2.750

¹ In 1951, the survey date was July 1.

² Rate for "commercial" work.

³ Manhattan and Bronx boroughs only.

TABLE C-13: Straight-time average hourly earnings¹ of plant workers in selected industries, occupations, areas, and periods, 1951

Machinery ²					
Occupation, sex, and area	1951 January	1951 October- December	Occupation, sex, and area	1951 January	1951 October- December
<i>Men</i>					
<i>Assemblers, class A:</i>					
Boston	\$1.76	\$1.79	Engine-lathe operators, class C:	\$1.33	\$1.35
Chicago	\$1.85	1.93	Boston	\$1.43	1.56
Cincinnati	\$1.62	1.61	Chicago	\$1.18	1.30
Cleveland	1.88	2.03	Cincinnati	1.68	1.54
Detroit	1.90	2.15	Cleveland	1.62	1.74
Hartford	1.74	1.87	Detroit	1.36	1.37
Houston	1.72	1.79	Hartford	(*)	(*)
Los Angeles	1.76	1.83	Houston	1.45	1.57
Milwaukee	\$1.81	1.99	Los Angeles	\$1.65	1.60
Minneapolis-St. Paul	\$1.65	1.75	Milwaukee	(*)	(*)
Newark-Jersey City	\$1.89	1.99	Minneapolis-St. Paul	\$1.42	1.39
New York	1.94	1.95	Newark-Jersey City	1.34	1.38
Philadelphia	1.68	1.77	New York	1.39	1.38
Pittsburgh	\$1.91	1.97	Philadelphia	(*)	(*)
St. Louis	\$1.72	1.80	Pittsburgh	1.33	1.66
Assemblers, class B:			St. Louis		
Boston	1.51	1.57	Inspectors, class A:	1.76	1.79
Chicago	\$1.71	1.77	Boston	\$1.89	1.91
Cincinnati	\$1.44	1.45	Chicago	\$1.57	1.64
Cleveland	1.82	1.81	Cincinnati	1.84	1.92
Detroit	1.71	1.85	Cleveland	2.11	2.20
Hartford	1.53	1.58	Detroit	1.72	1.70
Houston	1.53	1.63	Hartford	1.84	1.91
Los Angeles	1.54	1.59	Houston	1.84	1.89
Milwaukee	1.76	1.95	Los Angeles	\$1.84	1.88
Minneapolis-St. Paul	\$1.53	1.71	Milwaukee	\$1.75	1.86
Newark-Jersey City	\$1.53	1.65	Minneapolis-St. Paul	\$1.82	1.90
New York	1.72	1.70	Newark-Jersey City	1.93	1.99
Philadelphia	1.58	1.76	New York	1.85	1.97
Pittsburgh	\$1.83	1.87	Philadelphia	\$2.02	2.07
St. Louis	\$1.41	1.50	Pittsburgh	\$1.67	1.88
Assemblers, class C:			St. Louis		
Boston	1.27	1.43	Inspectors, class B:	1.54	1.58
Chicago	\$1.41	1.48	Boston	\$1.62	1.74
Cincinnati	\$1.19	1.24	Chicago	\$1.38	1.49
Cleveland	1.52	1.53	Cincinnati	1.72	1.82
Detroit	1.66	1.78	Cleveland	1.75	1.86
Hartford	1.36	1.34	Detroit	1.48	1.50
Houston	(*)	1.36	Hartford	(*)	(*)
Los Angeles	1.26	1.31	Houston	1.54	1.66
Milwaukee	\$1.63	1.84	Los Angeles	\$1.66	1.77
Minneapolis-St. Paul	\$1.33	1.36	Milwaukee	\$1.48	1.68
Newark-Jersey City	\$1.43	1.54	Minneapolis-St. Paul	\$1.60	1.63
New York	1.34	1.38	Newark-Jersey City	1.61	1.64
Philadelphia	1.51	1.80	New York	1.61	1.66
Pittsburgh	\$1.57	(*)	Philadelphia	\$1.93	1.84
St. Louis	\$1.22	1.38	Pittsburgh	\$1.44	1.55
Engine-lathe operators, class A:			St. Louis		
Boston	1.78	1.77	Inspectors, class C:	1.33	1.32
Chicago	\$1.88	1.98	Boston	\$1.45	1.53
Cincinnati	\$1.60	1.64	Chicago	\$1.12	1.29
Cleveland	1.84	2.01	Cincinnati	1.64	1.58
Detroit	2.23	2.32	Cleveland	1.62	1.71
Hartford	1.76	1.87	Detroit	1.19	1.29
Houston	1.90	2.01	Hartford	(*)	(*)
Los Angeles	1.78	1.90	Houston	1.43	1.43
Milwaukee	\$1.81	1.94	Los Angeles	\$1.46	1.58
Minneapolis-St. Paul	\$1.74	1.79	Milwaukee	(*)	(*)
Newark-Jersey City	\$1.81	1.91	Minneapolis-St. Paul	\$1.32	1.62
New York	1.86	1.91	Newark-Jersey City	1.28	1.35
Philadelphia	1.84	1.96	New York	1.51	1.49
Pittsburgh	\$1.88	1.93	Philadelphia	(*)	(*)
St. Louis	\$1.72	1.92	Pittsburgh	\$1.21	1.34
Engine-lathe operators, class B:			St. Louis		
Boston	1.46	1.52	Tool and die makers:	1.81	1.84
Chicago	\$1.72	1.77	Boston	\$2.19	2.27
Cincinnati	\$1.46	1.49	Chicago	\$1.87	1.96
Cleveland	1.75	1.95	Cincinnati	2.00	2.11
Detroit	1.80	1.88	Cleveland	2.41	2.55
Hartford	1.50	1.70	Detroit	1.82	1.91
Houston	(*)	1.76	Hartford	1.97	2.12
Los Angeles	1.58	1.69	Houston	2.00	2.12
Milwaukee	\$1.71	1.85	Los Angeles	\$1.93	2.08
Minneapolis-St. Paul	\$1.63	1.67	Milwaukee	\$1.91	2.04
Newark-Jersey City	1.66	1.64	Minneapolis-St. Paul	\$1.94	2.10
New York	1.57	1.59	Newark-Jersey City	2.03	2.11
Philadelphia	\$1.74	1.80	New York	2.00	2.19
Pittsburgh	\$1.64	1.73	Philadelphia	\$2.06	2.04
St. Louis			Pittsburgh	\$2.13	2.23

See footnotes at end of table.

TABLE C-18: Straight-time average hourly earnings¹ of plant workers in selected industries, occupations, areas, and periods, 1951—Continued

Ferrous foundries			
Occupation, sex, and area	June 1951	Occupation, sex, and area	June 1951
<i>Men</i>			<i>Men—Continued</i>
Chippers and grinders:		Molders, hand, bench:	
Boston.....	\$1.32	Boston.....	\$1.80
Buffalo.....	1.68	Buffalo.....	1.79
Chicago.....	1.65	Chicago.....	1.84
Cleveland.....	1.78	Cleveland.....	1.90
Detroit.....	1.84	Detroit.....	2.15
Los Angeles.....	1.45	Los Angeles.....	1.83
Milwaukee.....	1.84	Milwaukee.....	1.89
Newark-Jersey City.....	1.41	Newark-Jersey City.....	2.18
Philadelphia.....	1.68	Philadelphia.....	1.90
Pittsburgh.....	1.63	Pittsburgh.....	
St. Louis.....	1.77	St. Louis.....	(6) 1.83
Coremakers, hand:		Molders, machine:	
Boston.....	1.82	Boston.....	1.83
Buffalo.....	1.92	Buffalo.....	2.19
Chicago.....	1.91	Chicago.....	1.96
Cleveland.....	2.03	Cleveland.....	2.00
Detroit.....	2.07	Detroit.....	2.12
Los Angeles.....	1.85	Los Angeles.....	2.23
Milwaukee.....	2.06	Milwaukee.....	2.27
Newark-Jersey City.....	1.89	Newark-Jersey City.....	2.10
Philadelphia.....	2.04	Philadelphia.....	1.78
Pittsburgh.....	1.94	Pittsburgh.....	1.85
St. Louis.....	1.91	St. Louis.....	1.95
Molders, floor:		Shakeout men:	
Boston.....	1.80	Boston.....	1.33
Buffalo.....	1.79	Buffalo.....	1.53
Chicago.....	1.85	Chicago.....	1.49
Cleveland.....	2.02	Cleveland.....	1.58
Detroit.....	2.02	Detroit.....	1.77
Los Angeles.....	1.85	Los Angeles.....	1.40
Milwaukee.....	2.09	Milwaukee.....	1.59
Newark-Jersey City.....	1.93	Newark-Jersey City.....	1.49
Philadelphia.....	1.86	Philadelphia.....	1.37
Pittsburgh.....	1.82	Pittsburgh.....	1.44
St. Louis.....	1.78	St. Louis.....	1.37
Wood furniture (other than upholstered)			
Occupation, sex, and area	1951 August	Occupation, sex, and area	1951 August
<i>Men</i>			<i>Men—Continued</i>
Assemblers, case goods:		Packers, furniture—Continued	
Grand Rapids.....	\$1.53	Los Angeles.....	\$1.51
Hickory-Statesville (N. C.) ⁷	1.08	Winston-Salem-High Point (N. C.).....	.93
Jamestown (N. Y.).....	1.74		
Jasper-Tell City (Ind.).....	1.29	Sanders, hand:	
Los Angeles.....	1.57	Grand Rapids.....	1.43
Winston-Salem-High Point (N. C.).....	1.06	Hickory-Statesville (N. C.) ⁷95
Gluers, rough stock:		Jamestown (N. Y.).....	1.62
Grand Rapids.....	1.27	Jasper-Tell City (Ind.).....	1.17
Hickory-Statesville (N. C.) ⁷	1.00	Los Angeles.....	1.40
Jamestown (N. Y.).....	1.31	Winston-Salem-High Point (N. C.).....	.90
Jasper-Tell City (Ind.).....	1.20		
Los Angeles.....	1.50	Sprayers:	
Winston-Salem-High Point (N. C.).....	.96	Grand Rapids.....	1.53
Off-bearers, machine:		Hickory-Statesville (N. C.) ⁷	1.09
Grand Rapids.....	1.04	Jamestown (N. Y.).....	1.76
Hickory-Statesville (N. C.) ⁷88	Jasper-Tell City (Ind.).....	1.29
Jamestown (N. Y.).....	1.10	Los Angeles.....	1.76
Jasper-Tell City (Ind.).....	1.15	Winston-Salem-High Point (N. C.).....	1.03
Los Angeles.....	1.30		
Winston-Salem-High Point (N. C.).....	.89		
Packers, furniture:		Sanders, hand:	
Grand Rapids.....	1.36	Grand Rapids.....	1.05
Hickory-Statesville (N. C.) ⁷94	Hickory-Statesville (N. C.) ⁷82
Jamestown (N. Y.).....	1.31	Jamestown (N. Y.).....	1.09
Jasper-Tell City (Ind.).....	1.21	Jasper-Tell City (Ind.).....	1.32
Los Angeles.....		Los Angeles.....	1.39
Winston-Salem-High Point (N. C.).....		Winston-Salem-High Point (N. C.).....	.93

See footnotes at end of table.

TABLE C-13: Straight-time average hourly earnings¹ of plant workers in selected industries, occupations, areas, and periods, 1951—Continued

Women's cement-process shoes		Men's Goodyear-welt shoes	
Occupation, sex, and area	1951 August	Occupation, sex, and area	1951 August
<i>Men</i>			
Cutters, vamp and whole shoe, machine:			
Boston	\$1.77	Brockton (Mass.)	\$1.85
Haverhill (Mass.)	1.78	State of Illinois	1.79
Los Angeles	1.96		
New York City	(*)	Edge trimmers, machine:	
St. Louis	1.64	Brockton (Mass.)	2.21
Edge trimmers, machine:		State of Illinois	1.91
Boston	1.85	Goodyear stitchers:	
Haverhill (Mass.)	1.90	Brockton (Mass.)	1.93
Los Angeles	2.05	State of Illinois	1.70
New York City	2.50	Side lasters, machine:	
St. Louis	2.07	Brockton (Mass.)	1.77
Side lasters, machine:		State of Illinois	1.62
Boston	1.83	Treers:	
Haverhill (Mass.)	1.96	Brockton (Mass.)	1.50
Los Angeles	1.93	State of Illinois	(*)
New York City	2.32		
St. Louis	1.85	<i>Women</i>	
Sole attachers, cement:		Fancy stitchers:	
Boston	1.70	Brockton (Mass.)	1.28
Haverhill (Mass.)	1.72	State of Illinois	1.19
Los Angeles	1.74		
New York City	2.88	<i>Cotton textiles</i>	
St. Louis	1.59		
Treers:		April 1950 information latest available.	
Boston	1.62		
Haverhill (Mass.)	1.71	<i>Woolen and worsted textiles</i>	
Los Angeles	(*)		
New York City	2.11	May 1950 information latest available.	
St. Louis	1.71		
<i>Women</i>		Power laundries	
Fancy stitchers:		Occupation, sex, and area	
Boston	1.38	1951 April-June	1951 April-June
Haverhill (Mass.)	1.37		
Los Angeles	1.64	<i>Women—Continued</i>	
New York City	1.89	Finishers, flatwork, machine—Continued	
St. Louis	1.35	Denver	\$ 0.66
<i>Men</i>		Detroit	.82
Extract operators:		New York	.85
Atlanta	\$ 0.73	Philadelphia	.71
Boston	\$ 1.02	St. Louis	.65
Chicago	1.15	San Francisco	.99
Cleveland	.98	Seattle	.99
Dallas	.80		
Denver	\$.87	<i>Women—Continued</i>	
Detroit	1.05	Markers:	
New York	\$ 1.12	Atlanta	.57
Philadelphia	.90	Boston	.77
St. Louis	.87	Chicago	.95
San Francisco	\$ 1.37	Cleveland	.83
Seattle	1.45	Dallas	.65
Washers, machine:		Denver	.78
Atlanta	\$.87	Detroit	.88
Boston	\$ 1.13	New York	.98
Chicago	1.34	Philadelphia	.80
Cleveland	1.15	St. Louis	.72
Dallas	.99	San Francisco	1.19
Denver	\$ 1.07	Seattle	1.14
Detroit	1.36		
New York	\$ 1.41	Pressers, skirt, machine:	
Philadelphia	1.29	Atlanta	.53
St. Louis	1.03	Boston	.93
San Francisco	\$ 1.41	Chicago	1.06
Seattle	1.62	Cleveland	.88
<i>Women</i>		Dallas	.57
Finishers, flatwork, machine:		Denver	.72
Atlanta	\$.39	Detroit	1.01
Boston	\$.73	New York	1.04
Chicago	.85	Philadelphia	.85
Cleveland	.69	St. Louis	.75
Dallas	.47	San Francisco	1.09
		Seattle	1.04

See footnotes at end of table.

TABLE C-13: Straight-time average hourly earnings¹ of plant workers in selected industries, occupations, areas, and periods, 1951—Continued

Occupation, sex, and area	1951 April-June	Automobile repair shops		1951 April-June
		Occupation, sex, and area		
<i>Men</i>				
Body repairmen, metal:				
Atlanta	\$ 1.74			
Boston	\$ 1.76			
Chicago	2.33			
Cleveland	2.28			
Dallas	2.08			
Denver	1.81			
Detroit	2.44			
New York	\$ 1.93			
Philadelphia	1.75			
St. Louis	2.06			
San Francisco	\$ 2.24			
Seattle	2.09			
Mechanics, automotive, class A:				
Atlanta	\$ 1.60			
Boston	\$ 1.63			
Chicago	2.06			
Cleveland	2.25			
Dallas	1.73			
Denver	\$ 1.77			
<i>Men—Continued</i>				
Mechanics, automotive, class A—Continued:				
Detroit				
New York				
Philadelphia				
St. Louis				
San Francisco				
Seattle				
Washers, automobile:				
Atlanta				
Boston				
Chicago				
Cleveland				
Dallas				
Denver				
Detroit				
New York				
Philadelphia				
St. Louis				
San Francisco				
Seattle				

¹ Excludes premium pay for overtime and night work.

² Includes machine tools and machine-tool accessories.

³ Data relate to March 1951.

⁴ Data relate to February 1951.

⁵ Data relate to December 1950.

⁶ Insufficient data to permit presentation of an average.

⁷ Comprises the Morganton-Lenoir area included in previous studies and Catawba and Iredell counties.

⁸ Relates to a period in 1951 prior to April.

TABLE C-14: Average weekly salaries¹ in selected office occupations in 5 cities, 1951

Sex and occupation	Atlanta	Boston	Chicago	New York City	San Francisco-Oakland
<i>Men</i>					
Bookkeepers, hand	\$68.00	\$68.00	\$74.00	\$73.50	\$74.00
Clerks, accounting	53.00	55.00	61.50	59.00	67.00
Clerks, order	52.00	58.50	65.50	63.00	70.00
Office boys	34.00	33.50	40.00	35.50	41.50
<i>Women</i>					
Bookkeepers, hand	46.00	52.50	62.50	65.00	66.50
Clerks, accounting	46.00	41.50	49.50	49.00	53.00
Clerks, payroll	48.50	45.50	53.50	53.50	55.50
Office girls	36.00	33.50	39.00	35.50	43.00
Stenographers, general	47.00	43.00	51.50	49.50	55.00
Switchboard operator-receptionists	41.00	42.50	49.50	48.00	50.00
Typists, class A	42.00	43.00	50.00	48.50	51.00
Typists, class B	36.50	36.50	44.00	41.00	44.50

¹ Excludes pay for overtime.

TABLE C-15: Indexes of basic pay scales, average salary rates, and average salaries of workers covered by Federal Classification Acts, 1939-51

Period	Basic pay scales ¹			Average salary rates ¹			Average salaries ²		
	All workers	General schedule	Crafts, protective, custodial	All workers	General schedule	Crafts, protective, custodial	All workers	General schedule	Crafts, protective, custodial
Aug. 1939 (base)	100.0	100.0	100.0	100	100	100	100	100	100
June 30, 1945	101.1	100.2	110.1	101	100	110	(4)	(4)	100
July 1, 1946	133.8	131.9	146.9	133	131	149	143	136	154
July 1, 1947	133.8	131.9	146.9	135	133	152	150	144	154
July 15, 1948	148.5	145.7	168.3	151	149	176	168	160	178
July 1, 1949	148.5	145.7	168.3	152	150	177	170	163	180
July 1, 1950	154.6	151.5	176.0	160	158	189	183	175	192
July 8, 1951	170.1	166.5	195.0	174	172	209	198	188	214

¹ Merit increases in pay within the same grade, which affect the average-salary-rate indexes compiled by the Bureau of Labor Statistics, have been excluded from the basic-pay-scale indexes, compiled by the Civil Service Commission. Both these index series exclude the effects of changes in the distribution of workers among grades. Basic pay scales are affected only by increases legislated by Congress.

² In addition to showing the effect of increases in basic salary scales and of merit increases in pay within the same grade, these indexes are

influenced by shifts in the proportion of workers among grades.

³ Estimated by assuming the same distribution of employees among grades and steps within grades in 1939 as in 1945—i. e., by assuming that the change in basic pay scales and in average salary rates was the same during this period. It is known that, except for grades 1 through 8 in the CPC schedule and the first grade of the present general schedule, there was little or no increase in average rates between 1939 and 1945.

⁴ Not available.

TABLE C-16: Changes in straight-time hourly earnings in machinery manufacture in selected cities and occupations, January 1945-January 1951¹

Item	Indexes (1947-49=100)						Percent change from ² —					
	Jan. 1945	Oct. 1946	Nov. 1947	Nov. 1948	Nov. 1949	Jan. 1951 ¹	Jan. 1945 to Jan. 1951 ¹	Jan. 1945 to Oct. 1946	Oct. 1946 to Nov. 1947	Nov. 1947 to Nov. 1948	Nov. 1948 to Nov. 1949	Nov. 1949 to Jan. 1951 ¹
<i>City</i>												
All cities combined ³	71.7	85.7	94.0	102.2	103.8	111.6	55.6	19.5	9.7	8.7	1.6	7.5
Baltimore	72.3	85.9	94.7	103.0	102.3	109.0	50.6	18.7	10.3	8.8	-.7	6.6
Boston	69.6	81.9	91.1	102.1	106.8	111.4	59.9	17.6	11.2	12.1	4.6	4.3
Buffalo	75.9	93.0	92.8	104.6	102.5	110.1	45.1	22.6	-.2	12.7	-2.0	7.4
Chicago	69.9	84.7	93.8	103.3	102.9	112.9	61.6	21.2	10.8	10.1	-.4	9.7
Cincinnati	70.3	84.6	97.5	99.0	103.4	112.1	59.5	20.3	15.3	1.5	4.4	8.5
Cleveland	73.0	84.7	96.8	101.1	102.1	110.0	50.6	16.0	14.3	4.4	1.1	7.8
Dallas	77.4	87.7	94.3	100.9	104.7	112.1	44.9	13.3	7.6	7.0	3.8	7.0
Denver	72.7	85.7	92.1	101.7	106.2	113.1	55.5	17.8	7.5	10.4	4.4	6.5
Detroit	77.7	88.4	96.4	100.7	102.9	110.7	42.4	13.8	9.0	4.5	2.1	7.6
Hartford	71.5	84.9	93.6	104.2	102.3	110.8	55.1	18.8	10.2	11.4	-1.9	8.4
Houston	74.0	83.1	92.4	103.5	104.1	110.7	49.6	12.4	11.2	12.0	.6	6.3
Indianapolis	70.8	82.8	95.8	101.8	102.4	108.8	53.7	16.9	15.7	6.3	.6	6.3
Los Angeles	76.9	88.9	95.6	101.6	102.8	110.4	43.6	15.6	7.6	6.2	1.3	7.4
Milwaukee	67.9	86.8	94.7	102.7	102.6	111.0	63.7	27.9	9.1	8.5	-.1	8.2
Minneapolis	71.6	85.0	92.8	101.4	105.8	111.2	55.2	18.7	9.1	9.3	4.4	5.0
Newark-Jersey City	73.5	86.6	92.2	102.7	105.1	110.2	49.9	17.9	6.4	11.4	2.4	4.8
New York	70.7	84.5	93.1	99.9	107.0	114.3	61.7	19.5	10.1	7.3	7.1	6.8
Philadelphia	71.3	86.5	92.4	101.8	105.9	111.9	57.0	21.4	6.8	10.2	4.0	5.7
Pittsburgh	69.6	85.9	92.3	104.2	103.5	117.2	68.6	23.4	7.5	12.9	-.7	13.3
Providence	73.4	82.5	91.7	104.9	103.4	113.0	54.0	12.4	11.2	14.4	-1.4	9.3
St. Louis	67.7	79.8	94.7	101.8	103.6	109.1	61.3	17.9	18.7	7.5	1.8	5.4
San Francisco-Oakland	76.5	87.4	95.1	102.2	102.8	106.3	39.0	14.3	8.7	7.5	.6	3.4
Seattle-Tacoma	77.4	87.8	95.5	101.7	102.8	103.6	33.9	13.5	8.8	6.5	1.0	.8
Syracuse	68.4	87.9	94.5	103.2	102.3	105.2	53.8	28.5	7.5	9.2	-.8	2.8
Tulsa	77.9	85.6	91.8	103.8	104.5	116.0	48.9	9.9	7.2	13.0	.7	11.1
<i>Occupation</i>												
Machinists, production	74.7	84.6	93.7	102.9	103.5	109.1	46.1	13.3	10.8	9.8	.6	5.4
Tool and die makers (other than in jobbing shop)	75.3	88.1	94.9	101.6	103.5	109.0	44.8	17.0	7.7	7.1	1.9	5.3
Truckers, hand	68.5	85.8	92.7	102.2	105.1	113.4	65.5	25.3	8.0	10.2	2.8	7.9

¹ Latest data for some cities December 1950, February or March 1951 rather than January 1951.

² Unless otherwise indicated, all data are percentage increases.

³ Includes data for 3 cities not shown separately.

Section D: Prices and Cost of Living

TABLE D-1: Consumers' price index for moderate-income families in large cities, by group of commodities, 1951¹

[1935-39=100]

Date	All items ²	Food	Apparel	Rent ²	Fuel, electricity, and refrigeration	House-furnishings	Miscellaneous
1951:	185.6	227.4	204.5	136.2	144.1	210.9	165.4
1951: January 15	181.5	221.9	198.5	133.2	143.3	207.4	162.1
February 15	183.8	226.0	202.0	134.0	143.9	209.7	163.2
March 15	184.5	226.2	203.1	134.7	144.2	210.7	164.3
April 15	184.6	225.7	203.6	135.1	144.0	211.8	164.6
May 15	185.4	227.4	204.0	135.4	143.6	212.6	165.0
June 15	185.2	226.9	204.0	135.7	143.6	212.5	164.8
July 15	185.5	227.7	203.3	136.2	144.0	212.4	165.0
August 15	185.5	227.0	203.6	136.8	144.2	210.8	165.4
September 15	186.6	227.3	209.0	137.5	144.4	211.1	166.0
October 15	187.4	229.2	208.9	138.2	144.6	210.4	166.6
November 15	188.6	231.4	207.6	138.9	144.8	210.8	168.4
December 15	189.1	232.2	206.8	139.2	144.9	210.2	169.1
1951:	185.9	227.2	206.2	128.8	146.0	212.8	166.8
1951: January 15	181.6	221.6	199.7	126.0	144.5	208.9	163.7
February 15	184.2	226.0	203.2	126.8	145.7	211.4	161.8
March 15	184.5	225.4	204.6	127.3	146.3	212.7	165.8
April 15	184.5	224.6	205.2	127.7	146.2	214.1	166.1
May 15	185.4	226.7	205.7	128.0	144.9	214.8	166.4
June 15	185.5	227.0	205.5	128.3	145.1	214.6	166.3
July 15	185.8	227.5	204.9	128.8	145.7	214.8	166.3
August 15	185.6	226.4	205.2	129.3	146.0	212.7	166.8
September 15	186.5	226.3	210.7	130.0	146.3	212.8	167.5
October 15	187.8	229.2	211.0	130.8	146.8	212.0	168.1
November 15	189.3	232.1	209.9	131.4	147.0	212.5	169.9
December 15	190.0	233.9	209.1	131.8	147.1	211.8	170.5

¹ Until January 1950, time-to-time changes in retail prices used in the CPI were weighted by 1934-36 average expenditures of urban families. Weights used beginning January 1950 have been adjusted to current spending patterns.

² The CPI has been adjusted to incorporate a correction of the new unit

bias in the rent index beginning with indexes for 1940 and adjusted population and commodity weights beginning with indexes for January 1950. These adjustments make a continuous comparable series from 1913 to date.

NOTE: The old series of Indexes for 1951 are shown in italics.

TABLE D-2: Consumers' price index for moderate-income families in 39 United States cities, Hawaii, and Puerto Rico, 1951

[1935-39=100, unless otherwise indicated]

Period	Atlanta, Ga.		Baltimore, Md.		Birmingham, Ala.		Boston, Mass.		Buffalo, N. Y.		Chicago, Ill.		Cincinnati, Ohio		Cleveland, Ohio		Denver, Colo.		Detroit, Mich.			
	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food		
1951-----	192.1	228.5	189.7	238.3	191.5	219.7	177.1	215.0	184.7	221.5	190.6	233.4	185.4	227.9	188.7	235.0	188.3	232.3	188.3	229.3		
1951-----	191.1	230.4	188.2	238.3	191.9	220.5	178.1	215.9	184.4	222.3	191.7	234.8	186.0	227.3	188.4	234.4	184.8	229.2	188.4	227.5		
1951: January-----	223.4	-----	231.8	188.2	219.8	173.5	209.1	180.8	215.5	185.4	225.1	182.3	223.7	-----	227.4	184.9	227.8	184.2	223.7	-----		
February-----	187.5	224.0	237.1	189.8	220.8	175.5	213.8	-----	217.9	188.5	232.9	183.9	226.9	186.2	232.7	-----	229.0	186.2	228.3	-----		
March-----	224.1	188.6	236.8	190.6	220.5	175.8	213.3	-----	216.6	189.1	231.6	184.4	225.8	-----	233.3	-----	230.5	187.0	228.8	-----		
April-----	228.5	-----	236.2	189.9	218.3	175.5	212.8	183.3	218.0	189.1	231.1	184.6	226.0	-----	231.8	187.0	232.3	187.4	229.1	-----		
May-----	192.7	228.7	239.0	190.1	218.4	176.1	214.4	-----	221.9	189.8	233.0	184.8	227.1	188.2	232.6	-----	232.6	188.3	229.4	-----		
June-----	228.1	189.8	238.9	189.8	216.4	176.5	214.9	-----	224.3	190.1	233.4	185.0	226.9	-----	236.3	-----	230.6	188.6	229.1	-----		
July-----	229.4	-----	237.0	189.2	214.5	176.9	216.6	185.5	222.1	190.9	235.3	185.6	229.2	-----	236.7	187.6	230.6	189.0	228.9	-----		
August-----	193.1	231.4	238.0	190.5	217.3	177.2	215.5	-----	219.2	190.9	233.4	185.3	228.3	189.1	235.7	-----	231.6	188.5	229.4	-----		
September-----	232.1	190.5	238.3	191.4	220.1	177.8	213.9	-----	221.5	191.8	232.3	186.8	229.0	-----	235.3	-----	232.4	189.0	228.4	-----		
October-----	230.0	-----	241.1	196.0	224.0	179.3	217.8	186.9	224.2	193.5	236.2	187.0	229.7	-----	237.2	191.2	234.9	190.2	230.5	-----		
November-----	196.1	232.1	242.4	196.3	224.3	180.0	218.4	-----	227.2	194.3	237.8	187.8	232.0	192.0	239.0	-----	236.9	191.5	233.5	-----		
December-----	230.7	193.3	242.5	196.0	222.7	180.9	219.3	-----	226.7	194.2	238.1	187.9	230.4	-----	238.5	-----	239.2	191.9	234.5	-----		
1951: January-----	224.8	-----	231.9	187.3	216.2	174.3	210.0	180.2	215.8	186.4	226.2	185.0	223.2	-----	226.7	182.2	225.6	185.4	224.6	-----		
February-----	186.7	225.4	237.7	189.6	218.7	176.4	214.3	-----	218.8	189.7	234.0	184.7	226.9	186.4	232.3	-----	226.6	188.0	230.9	-----		
March-----	225.4	187.4	236.7	190.5	219.4	176.4	215.0	-----	220.1	190.0	232.4	184.8	224.6	-----	229.2	-----	227.1	187.8	228.4	-----		
April-----	229.8	-----	235.6	189.8	217.5	176.1	212.3	182.5	218.0	180.0	232.1	184.7	224.9	-----	230.5	183.7	235.4	186.8	225.0	-----		
May-----	191.4	230.3	238.9	190.0	217.8	177.0	214.9	-----	228.8	190.8	234.4	185.2	226.1	188.0	234.9	-----	230.5	187.9	227.9	-----		
June-----	230.3	188.7	239.7	189.8	217.0	177.8	216.2	-----	227.1	191.3	234.9	185.6	226.4	185.8	235.8	-----	229.1	188.4	228.4	-----		
July-----	231.0	-----	236.1	189.9	217.4	178.3	217.3	185.3	223.7	192.3	237.2	186.3	229.1	187.0	234.4	184.1	225.3	188.2	226.8	-----		
August-----	192.2	233.1	237.5	191.5	220.6	178.0	216.3	-----	221.3	191.9	235.0	185.9	228.1	188.7	234.7	-----	229.3	187.1	223.3	-----		
September-----	234.1	188.7	237.9	192.9	221.9	178.6	214.4	-----	223.8	192.8	234.1	186.9	228.1	187.9	233.7	-----	225.9	186.7	220.4	-----		
October-----	235.0	-----	240.8	196.8	225.3	180.8	218.5	186.8	229.7	194.4	237.6	187.2	228.5	187.7	236.7	186.5	229.4	189.4	226.1	-----		
November-----	195.4	234.5	242.9	197.4	225.8	181.3	220.5	-----	231.6	195.4	239.4	188.3	231.6	191.4	238.9	-----	235.4	191.8	232.4	193.0	236.2	-----
December-----	233.4	192.0	244.2	197.4	226.0	182.5	221.8	-----	231.0	195.8	240.2	188.5	231.2	190.0	240.0	-----	241.7	191.7	234.0	193.0	236.2	-----
Period	Houston, Tex.		Indianapolis, Ind.		Jacksonville, Fla.		Kansas City, Mo.		Los Angeles, Calif.		Manchester, N. H.		Memphis, Tenn.		Milwaukee, Wis.		Minneapolis, Minn.		Mobile, Ala.			
	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food		
1951-----	193.0	237.4	187.9	223.6	191.3	233.0	179.1	213.0	186.4	232.0	184.2	219.9	188.2	234.3	191.3	228.2	183.5	218.4	183.7	226.8		
1951-----	192.2	239.3	189.8	225.2	192.8	233.1	178.3	213.0	184.7	228.0	185.8	234.4	190.6	228.2	184.6	219.0	183.7	227.4	183.7	227.4		
1951: January-----	190.1	236.0	184.4	218.6	229.0	175.6	208.5	181.3	226.3	180.6	215.1	-----	227.6	-----	219.6	-----	213.8	-----	220.4	-----		
February-----	191.0	235.6	220.6	231.5	221.1	190.4	234.8	211.6	185.6	229.8	217.6	186.5	223.8	-----	226.9	183.2	217.7	181.9	233.8	-----		
March-----	192.4	238.5	222.1	190.4	234.8	211.6	185.6	229.8	217.6	186.5	227.6	186.5	223.8	217.7	224.8	217.6	225.7	217.6	224.2	-----		
April-----	192.5	238.3	187.7	224.4	234.3	178.5	212.4	185.6	229.8	182.9	217.8	218.4	224.6	234.6	190.9	227.5	218.2	221.2	225.7	-----		
May-----	192.5	237.1	223.3	230.5	213.6	186.3	212.6	213.6	221.0	187.8	233.0	221.0	220.9	221.0	229.9	183.6	219.4	183.5	225.7	-----		
June-----	192.3	235.2	222.4	190.6	231.9	212.8	186.1	212.8	218.1	203.9	221.0	187.8	233.0	221.0	229.9	183.6	219.4	183.5	225.7	-----		
July-----	192.6	235.2	187.8	223.3	233.8	179.7	213.7	186.7	232.7	184.4	221.6	223.2	223.3	231.9	221.0	219.0	221.5	229.5	221.0	227.0		
August-----	193.0	237.2	224.3	233.6	236.3	218.2	186.6	218.6	221.8	218.6	223.3	221.9	234.7	219.2	229.2	217.5	227.0	221.5	229.1	227.0		
September-----	194.1	239.4	225.4	192.0	234.7	212.2	187.2	217.2	223.3	219.8	189.9	237.4	227.9	231.1	215.6	227.9	215.6	229.1	221.7	231.7		
October-----	194.4	237.6	189.9	226.3	232.5	180.4	213.9	187.9	234.5	185.8	222.8	238.0	228.9	230.0	228.9	218.9	228.9	218.9	231.7	231.7		
November-----	195.1	237.8	227.9	234.8	216.4	186.6	214.6	187.9	237.1	211.4	227.5	237.7	195.3	217.1	221.2	221.2	221.2	221.2	230.0	-----		
December-----	196.0	241.2	227.0	195.9	235.0	218.0	190.4	240.7	220.9	191.4	238.9	220.9	232.6	187.7	224.0	187.3	231.4	187.3	231.4	-----		
1951: January-----	189.1	236.6	186.4	220.6	220.4	175.0	209.1	179.4	223.0	181.9	216.0	-----	225.6	-----	219.9	-----	214.1	-----	220.7	-----		
February-----	190.5	237.8	222.5	232.2	211.4	182.0	222.9	210.5	184.1	226.9	218.9	230.8	187.5	227.4	217.9	222.5	217.9	224.3	217.9	222.9		
March-----	191.9	240.5	223.8	192.3	234.8	211.9	184.0	226.7	218.8	184.0	232.0	226.1	184.1	217.6	181.9	234.3	217.6	226.0	217.6	226.0		
April-----	192.1	240.5	189.3	222.7	234.3	177.9	211.4	183.5	225.1	184.2	217.8	230.6	223.6	227.4	217.4	227.4	217.4	225.2	217.4	225.2		
May-----	191.7	238.8	224.6	230.1	212.0	184.1	225.8	215.2	184.8	226.8	218.8	233.0	189.6	227.1	217.4	227.4	217.4	225.2	217.4	225.2		
June-----	191.3	236.3	224.2	192.0	231.6	212.0	183.9	225.8	222.7	185.2	227.6	222.7	230.6	223.6	227.6	217.4	227.6	217.4	226.2	217.4		
July-----	191.7	237.2	189.7	234.9	234.1	178.8	213.8	185.2	229.0	186.3	222.3	232.8	223.2	227.1	218.7	227.1	218.7	229.0	218.7	229.0		
August-----	192.1	238.3	226.1	232.3	211.7	184.5	226.9	211.7	184.5	227.8	221.8	235.8	191.2	229.0	221.4	221.4	221.4	221.4	236.4	221.4		
September-----	193.5	241.1	226.7	193.5	233.7	211.6	185.2	227.8	221.5	188.7	239.2	226.6	184.4	217.6	185.5	221.4	217.6	221.4	221.4	234.4	221.4	
October-----	193.2	239.7	191.7	227.7	232.2	179.7	215.9	185.8	229.2	188.4	223.1	239.1	228.0	228.0	221.0	221.0	221.0	221.0	233.4	221.0		
November-----	193.9	240.1	229.3	236.3	216.9	188.0	225.2	216.9	188.0	224.7	223.0	240.2	194.6	232.5	222.9	222.9	222.9	222.9	232.5	222.9		
December-----	195.5	244.9																				

TABLE D-2: Consumers' price index for moderate-income families in 39 United States cities, Hawaii, and Puerto Rico, 1951—Continued

[1935-39=100, unless otherwise indicated]

Period	New Orleans, La.		New York, N. Y.		Norfolk, Va.		Philadelphia, Pa.		Pittsburgh, Pa.		Portland, Maine		Portland, Oreg.		Richmond, Va.		St. Louis, Mo.		San Fran- cisco, Calif.	
	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food
1951-----	188.6	240.3	181.4	226.3	188.7	230.0	186.0	223.8	188.4	230.4	176.9	213.1	194.7	249.3	181.8	217.2	185.7	238.9	188.7	238.6
1951-----	188.9	239.9	181.6	225.4	187.5	230.6	186.1	221.6	189.3	229.3	177.7	214.2	195.5	248.6	180.4	218.7	187.4	240.4	190.5	241.6
1951: January-----	237.8	177.8	221.0	225.2	181.0	217.7	183.4	222.4	207.9	190.4	243.3	179.8	215.6	234.0	238.0	234.0	238.0	234.0	238.0	
February-----	187.9	239.8	180.8	227.0	187.1	231.1	185.4	222.2	185.6	227.4	211.0	247.4	218.3	240.0	235.3	240.0	235.3	240.0	235.3	
March-----	242.1	180.4	224.7	233.8	185.6	222.3	186.0	227.2	175.7	210.5	250.3	217.4	185.2	239.4	188.7	241.7	237.6	238.4	237.6	
April-----	240.2	180.6	224.9	227.9	185.9	222.3	186.7	227.8	209.6	194.1	248.6	181.2	215.9	216.7	238.4	241.2	237.6	238.4	237.6	
May-----	188.5	239.5	181.4	226.4	188.3	229.4	186.4	223.8	187.8	230.5	210.0	252.1	216.4	185.0	238.2	188.4	237.4	237.4	237.4	
June-----	238.2	180.5	224.4	229.2	185.6	222.2	187.3	230.5	213.9	216.4	251.5	215.2	181.3	216.5	237.9	237.8	237.9	237.8	237.8	
July-----	238.8	181.2	226.5	229.1	185.4	223.6	189.3	232.9	217.0	195.7	251.2	181.3	215.9	247.4	215.9	237.2	234.4	237.2	234.4	
August-----	188.9	240.8	180.9	225.5	188.6	229.1	185.4	223.2	188.8	232.0	215.9	247.9	217.7	186.2	238.8	188.4	234.8	234.8	234.8	
September-----	240.6	182.5	226.1	229.1	186.1	224.1	190.0	231.0	178.6	213.2	247.9	217.7	186.2	239.3	235.6	239.3	235.6	239.3	235.6	
October-----	239.9	183.0	227.8	230.0	186.7	227.1	191.2	233.5	215.8	195.8	246.9	183.8	218.4	242.2	219.1	242.2	240.7	240.7	240.7	
November-----	190.0	241.3	184.1	230.9	191.7	231.9	189.1	228.6	192.0	235.2	216.4	251.8	219.1	242.2	242.2	242.2	242.2	242.2	242.2	
December-----	244.3	184.0	230.6	233.6	189.2	228.8	191.7	234.6	179.9	216.1	253.3	218.3	190.2	243.9	193.1	243.9	193.1	243.9	193.1	
1951: January-----	238.2	177.7	220.5	226.4	181.2	215.7	184.4	221.7	209.3	191.4	243.3	177.5	214.7	234.3	237.9	234.3	237.9	234.3	237.9	
February-----	188.6	240.2	180.8	226.0	186.4	231.7	185.5	220.2	186.7	226.4	212.3	246.7	219.3	240.8	236.8	240.8	236.8	240.8	236.8	
March-----	242.2	179.8	222.6	234.0	185.2	218.4	186.9	225.6	176.1	211.0	249.7	218.8	186.8	240.0	189.7	241.6	241.6	241.6	241.6	
April-----	239.2	180.1	223.1	227.8	185.4	218.8	187.6	226.0	209.5	195.0	247.8	179.9	217.4	237.7	239.8	241.6	241.6	241.6	241.6	
May-----	188.3	238.0	181.0	224.5	186.9	229.3	186.3	221.2	188.6	228.8	210.5	250.8	217.2	229.9	243.4	241.2	241.2	241.2	241.2	
June-----	237.0	180.7	224.0	229.1	185.8	220.6	188.6	229.5	177.5	215.7	250.8	218.3	186.8	239.9	190.7	241.6	241.6	241.6	241.6	
July-----	237.2	181.3	224.2	229.7	185.9	220.7	190.2	231.7	218.0	196.5	249.8	180.2	219.0	238.9	241.6	241.6	241.6	241.6	241.6	
August-----	189.1	239.6	181.1	224.5	187.1	229.0	185.3	220.3	189.4	230.5	217.3	245.8	218.0	239.3	243.3	243.3	243.3	243.3	243.3	
September-----	239.4	182.6	224.7	229.2	185.8	221.0	190.2	228.8	179.1	213.7	249.4	219.4	218.9	188.3	240.0	190.3	239.6	239.6	239.6	
October-----	239.6	183.8	227.3	231.8	187.3	225.4	192.4	232.8	217.0	196.0	245.9	182.3	220.4	241.0	240.8	240.8	240.8	240.8	240.8	
November-----	190.9	242.0	185.2	230.8	190.6	233.0	189.6	227.4	193.2	234.6	218.0	252.4	221.0	244.5	244.5	244.5	244.5	244.5	244.5	
December-----	246.1	185.4	231.6	235.6	190.2	229.2	193.3	235.4	181.5	218.0	254.2	221.3	191.5	247.1	195.8	251.5	251.5	251.5	251.5	

Period	Savannah, Ga.		Scranton, Pa.		Seattle, Wash.		Washington, D. C.		Bridgeport, Conn.		Omaha, Nebr.		San Diego, Calif.		South Bend, Ind.		Wichita, Kans.		
	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	All items	Food	
1951-----	195.9	237.9	182.5	225.0	191.2	234.5	181.0	224.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	238.4	238.4
1951-----	195.0	239.5	185.0	224.5	189.3	232.3	181.2	225.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	238.4	238.4
1951: January-----	229.8	217.7	230.2	221.2	231.7	223.7	188.3	223.3	231.1	217.9	222.3	222.3	221.3	222.3	221.3	222.3	221.3	231.3	231.3
February-----	231.5	180.8	223.7	234.3	224.3	232.7	234.3	224.3	231.5	224.3	222.4	222.4	221.5	224.3	221.5	222.4	221.5	237.5	237.5
March-----	232.3	227.7	234.3	224.3	231.4	224.4	234.4	224.4	232.3	224.4	222.2	222.2	221.6	224.4	221.6	222.2	221.6	234.1	234.1
April-----	195.5	237.6	221.4	234.4	236.6	191.4	236.6	190.0	224.3	236.6	222.2	224.2	224.2	224.2	224.2	224.2	224.2	234.0	234.0
May-----	237.6	182.4	225.2	235.4	221.4	237.6	225.2	235.4	221.4	237.6	225.2	224.0	224.0	224.0	224.0	224.0	224.0	234.9	234.9
June-----	239.6	225.7	235.7	233.0	235.7	233.0	233.0	234.2	235.7	233.0	224.2	224.2	224.2	224.2	224.2	224.2	224.2	234.9	234.9
July-----	196.5	241.2	225.5	233.8	233.8	221.9	221.9	221.9	233.8	221.9	222.6	222.6	222.6	222.6	222.6	222.6	222.6	238.2	238.2
August-----	240.0	182.5	225.9	190.9	232.7	180.8	222.6	222.6	240.0	182.5	224.0	224.0	224.0	224.0	224.0	224.0	224.0	237.8	237.8
September-----	241.4	225.6	234.4	234.4	241.4	225.6	234.4	234.4	241.4	225.6	224.0	224.0	224.0	224.0	224.0	224.0	224.0	241.4	241.4
October-----	198.8	240.7	227.2	234.8	227.2	234.8	227.2	234.8	227.2	234.8	228.0	228.0	228.0	228.0	228.0	228.0	228.0	242.9	242.9
November-----	241.7	185.4	229.8	194.6	238.1	184.7	238.1	184.7	238.1	184.7	228.1	228.1	228.1	228.1	228.1	228.1	228.1	244.1	244.1
December-----	241.7	229.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9	239.9	228.9	228.9	228.9	228.9	228.9	228.9	228.9	244.8	244.8
1951: January-----	188.0	231.1	216.4	228.0	188.0	229.7	179.5	223.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	233.3	233.3
February-----	232.8	183.4	228.4	186.8	229.7	179.5	223.3	223.3	232.8	229.7	223.3	223.3	223.3	223.3	223.3	223.3	223.3	238.1	238.1
March-----	233.2	220.6	231.9	231.9	233.2	221.6	231.6	231.6	233.2	221.6	223.6	223.6	223.6	223.6	223.6	223.6	223.6	239.2	239.2
April-----	194.6	239.3	219.0	231.5	239.3	219.0	231.5	231.5	239.3	219.0	221.8	221.8	221.8	221.8	221.8	221.8	221.8	234.1	234.1
May-----	239.4	184.7	225.1	189.6	234.0	184.7	234.0	234.0	239.4	184.7	225.6	225.6	225.6	225.6	225.6	225.6	225.6	234.1	234.1
June-----	240.7	226.2	234.3	234.3	240.7	226.2	234.3	234.3	240.7	226.2	226.4	226.4	226.4	226.4	226.4	226.4	226.4	235.3	235.3
July-----	195.8	242.4	224.3	231.2	242.4	224.3	231.2	231.2	242.4	224.3	222.5	222.5	222.5	222.5	222.5	222.5	222.5	239.9	239.9
August-----	241.4	185.0	225.0	188.6	229.8	180.8	222.0	222.0	241.4	185.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	239.3	239.3
September-----	245.2	224.0	234.0	231.1	245.2	224.0	231.1	231.1	245.2	224.0	223.6	223.6	223.6	223.6	223.6	223.6	223.6	242.0	242.0
October-----	197.8	245.4	226.8	232.1	197.8	245.4	226.8	232.1	197.8	24									

TABLE D-2: Consumers' price index for moderate-income families in 39 United States cities, Hawaii, and Puerto Rico, 1951—Continued

[1935-39=100, unless otherwise indicated]

Period	Hawaii*		Period	Puerto Rico**		
	Honolulu			(March 1941=100)		
	All items	Foods		All items	Foods	
1951: March	134.8	148.5	1951: March	174.2	208.1	
June	134.5	145.8	June	177.6	212.1	
September	135.6	148.0	September	181.7	215.5	
December	137.9	151.6	December	184.9	219.8	

*Territory of Hawaii, Department of Labor and Industrial Relations, Bureau of Research and Statistics, Bldg. A, Iolani Palace Grounds, Honolulu, T. H.

**Source: Puerto Rico Department of Labor, Bureau of Labor Statistics, San Juan. P. R.

TABLE D-2a: Indexes of relative differences in the cost of consumer goods, rents, and services in two Alaskan cities and in Seattle, Wash., February 1951¹

[Seattle, Wash.=100]

Item	Index by city		
	Anchorage	Fairbanks	Seattle
All items	140	147	100
All items except housing	129	136	100
Food	137	147	100
Apparel	119	125	100
Housing ²	213	217	100
Other ³	125	130	100

¹ Represents a measure of the combined effect on living costs of intercity differences in prices and in climatic requirements.

² Rent for 2- and 3-room dwellings meeting certain standards, including inside bath, plus fuel, utilities, and housefurnishings.

³ Personal care, medical care, household operation, transportation, reading, recreation, and tobacco.

TABLE D-3: Indexes of retail prices of foods in 22 cities, 1951

[1935-39=100, unless otherwise indicated]

Period	Bridgeport, Conn.	Butte, Mont.	Cedar Rapids, Iowa (June 1940=100)	Charles-ton, S. C.	Colum-bus, Ohio	Dallas, Tex.	Fall River, Mass.	Jackson, Miss. (June 1940=100)	Knox-ville, Tenn. (June 1940=100)	Little Rock, Ark.	Louis-ville, Ky.
1951-----	225.7	226.7	235.9	215.8	207.6	230.6	220.9	225.3	252.7	224.9	215.1
<i>1951-----</i>	<i>226.2</i>	<i>229.6</i>	<i>239.4</i>	<i>215.4</i>	<i>209.4</i>	<i>230.7</i>	<i>222.4</i>	<i>224.9</i>	<i>255.1</i>	<i>225.9</i>	<i>217.0</i>
1951: January-----	220.9	220.7	229.2	208.9	200.7	225.9	216.0	223.1	248.6	222.7	210.0
February-----	224.1	222.5	230.6	213.2	206.7	228.7	220.8	226.4	253.1	225.2	214.5
March-----	226.9	223.9	234.9	214.3	207.1	229.9	219.2	226.3	253.4	226.8	214.6
April-----	226.0	222.9	234.8	212.2	206.1	228.7	219.8	222.1	250.9	224.9	212.5
May-----	225.3	226.6	236.5	211.6	207.3	228.9	219.2	223.2	250.3	225.1	213.7
June-----	225.9	225.5	237.2	211.6	208.5	227.9	221.3	221.9	249.8	225.2	215.5
July-----	226.0	227.4	238.5	218.9	207.6	227.0	222.2	226.6	251.7	223.6	216.0
August-----	225.0	229.0	236.0	221.0	207.3	230.9	221.0	224.8	253.1	222.9	214.8
September-----	224.3	228.5	235.1	220.6	207.8	233.5	219.7	227.2	254.9	223.0	215.6
October-----	227.4	229.2	237.8	217.9	209.6	233.8	223.2	229.4	253.7	224.4	216.7
November-----	227.9	230.2	240.5	218.0	211.4	236.0	224.2	227.4	256.2	225.4	218.6
December-----	228.9	233.7	239.8	221.5	211.3	235.4	223.8	229.2	256.6	229.9	219.1
1951: January-----	<i>221.6</i>	<i>223.0</i>	<i>231.3</i>	<i>209.1</i>	<i>202.3</i>	<i>225.5</i>	<i>217.6</i>	<i>222.8</i>	<i>248.8</i>	<i>224.1</i>	<i>211.6</i>
February-----	<i>224.8</i>	<i>224.3</i>	<i>233.4</i>	<i>213.0</i>	<i>208.5</i>	<i>228.8</i>	<i>223.2</i>	<i>226.4</i>	<i>253.5</i>	<i>226.5</i>	<i>215.6</i>
March-----	<i>226.3</i>	<i>225.5</i>	<i>237.5</i>	<i>213.7</i>	<i>208.5</i>	<i>230.0</i>	<i>220.1</i>	<i>225.2</i>	<i>252.8</i>	<i>227.4</i>	<i>215.7</i>
April-----	<i>224.9</i>	<i>224.3</i>	<i>237.5</i>	<i>211.9</i>	<i>207.0</i>	<i>228.3</i>	<i>219.7</i>	<i>221.4</i>	<i>249.8</i>	<i>225.3</i>	<i>214.2</i>
May-----	<i>225.2</i>	<i>229.0</i>	<i>240.6</i>	<i>211.4</i>	<i>209.1</i>	<i>228.0</i>	<i>220.7</i>	<i>222.3</i>	<i>250.0</i>	<i>225.3</i>	<i>215.5</i>
June-----	<i>226.2</i>	<i>228.4</i>	<i>241.2</i>	<i>211.1</i>	<i>210.7</i>	<i>227.4</i>	<i>223.9</i>	<i>220.4</i>	<i>249.5</i>	<i>225.7</i>	<i>217.8</i>
July-----	<i>226.7</i>	<i>230.4</i>	<i>243.1</i>	<i>217.9</i>	<i>209.4</i>	<i>227.5</i>	<i>223.7</i>	<i>222.1</i>	<i>251.7</i>	<i>223.1</i>	<i>218.1</i>
August-----	<i>225.4</i>	<i>225.5</i>	<i>239.1</i>	<i>220.2</i>	<i>208.9</i>	<i>231.6</i>	<i>221.9</i>	<i>224.0</i>	<i>253.5</i>	<i>222.4</i>	<i>216.9</i>
September-----	<i>224.4</i>	<i>223.3</i>	<i>239.6</i>	<i>220.7</i>	<i>209.5</i>	<i>232.7</i>	<i>220.1</i>	<i>226.4</i>	<i>255.5</i>	<i>222.1</i>	<i>217.6</i>
October-----	<i>228.1</i>	<i>233.1</i>	<i>241.5</i>	<i>217.1</i>	<i>211.1</i>	<i>233.7</i>	<i>224.7</i>	<i>230.0</i>	<i>255.3</i>	<i>226.2</i>	<i>218.5</i>
November-----	<i>229.5</i>	<i>234.1</i>	<i>244.1</i>	<i>217.3</i>	<i>213.4</i>	<i>237.9</i>	<i>228.3</i>	<i>228.2</i>	<i>257.5</i>	<i>227.8</i>	<i>220.6</i>
December-----	<i>230.9</i>	<i>238.2</i>	<i>244.9</i>	<i>221.0</i>	<i>214.1</i>	<i>236.6</i>	<i>226.8</i>	<i>229.7</i>	<i>259.3</i>	<i>234.5</i>	<i>221.7</i>
Period	Newark, N. J.	New Haven, Conn.	Omaha, Nebr.	Peoria, Ill.	Provi-dence, R. I.	Roch-ester, N. Y.	St. Paul, Minn.	Salt Lake City, Utah	Spring-field, Ill.	Wichita, Kans. (June 1940=100)	Winston-Salem, N. C. (June 1940=100)
1951-----	225.3	220.0	219.7	238.1	230.2	220.4	216.4	228.2	238.4	238.4	220.7
<i>1951-----</i>	<i>222.4</i>	<i>219.9</i>	<i>231.0</i>	<i>241.4</i>	<i>233.2</i>	<i>231.1</i>	<i>216.4</i>	<i>228.9</i>	<i>239.0</i>	<i>239.9</i>	<i>221.4</i>
1951: January-----	220.2	214.0	213.7	233.4	225.1	212.2	210.5	222.2	233.7	231.1	217.6
February-----	225.5	220.0	216.4	236.5	230.8	216.2	212.9	225.6	238.2	235.9	221.3
March-----	223.2	219.3	216.8	238.1	228.6	218.2	214.1	227.9	237.8	237.5	223.7
April-----	224.2	218.1	217.0	237.9	229.5	217.8	214.4	226.9	237.6	234.1	220.4
May-----	227.1	220.3	219.3	240.6	229.1	220.9	215.1	228.3	237.6	234.0	220.6
June-----	225.5	220.5	219.6	241.2	229.6	222.9	216.2	230.0	238.5	234.9	220.6
July-----	225.7	221.6	219.1	239.8	231.8	221.5	216.5	228.3	238.6	238.2	220.3
August-----	225.0	219.2	220.0	236.9	228.9	218.9	216.2	227.4	237.9	237.8	220.7
September-----	225.3	219.9	219.6	235.6	228.3	220.2	215.1	228.0	238.1	241.4	219.3
October-----	226.4	222.4	223.3	235.6	232.8	222.3	220.7	228.5	238.6	242.2	220.1
November-----	228.3	222.1	225.1	239.5	233.3	226.3	221.6	232.5	241.4	244.1	220.5
December-----	227.2	222.2	227.0	242.5	234.1	227.4	223.7	233.4	242.6	248.8	222.8
1951: January-----	<i>217.2</i>	<i>214.1</i>	<i>214.9</i>	<i>235.3</i>	<i>227.4</i>	<i>211.9</i>	<i>210.2</i>	<i>221.9</i>	<i>233.7</i>	<i>233.3</i>	<i>218.5</i>
February-----	<i>222.6</i>	<i>220.4</i>	<i>218.1</i>	<i>239.3</i>	<i>233.2</i>	<i>216.0</i>	<i>212.7</i>	<i>225.5</i>	<i>237.8</i>	<i>238.1</i>	<i>222.7</i>
March-----	<i>219.3</i>	<i>218.8</i>	<i>217.9</i>	<i>241.0</i>	<i>230.7</i>	<i>218.3</i>	<i>213.5</i>	<i>228.4</i>	<i>237.7</i>	<i>239.2</i>	<i>224.1</i>
April-----	<i>220.4</i>	<i>218.8</i>	<i>217.6</i>	<i>240.5</i>	<i>231.6</i>	<i>217.5</i>	<i>213.6</i>	<i>227.2</i>	<i>237.9</i>	<i>234.1</i>	<i>220.9</i>
May-----	<i>223.4</i>	<i>219.9</i>	<i>220.3</i>	<i>244.5</i>	<i>232.1</i>	<i>220.6</i>	<i>215.1</i>	<i>228.4</i>	<i>239.0</i>	<i>234.1</i>	<i>221.1</i>
June-----	<i>222.5</i>	<i>220.4</i>	<i>220.7</i>	<i>245.1</i>	<i>233.1</i>	<i>224.4</i>	<i>216.0</i>	<i>231.1</i>	<i>239.1</i>	<i>236.3</i>	<i>220.8</i>
July-----	<i>222.2</i>	<i>221.9</i>	<i>219.8</i>	<i>243.3</i>	<i>235.1</i>	<i>222.7</i>	<i>216.3</i>	<i>228.7</i>	<i>240.5</i>	<i>239.9</i>	<i>220.7</i>
August-----	<i>221.4</i>	<i>218.4</i>	<i>220.9</i>	<i>240.5</i>	<i>231.8</i>	<i>218.9</i>	<i>216.9</i>	<i>227.7</i>	<i>238.4</i>	<i>239.3</i>	<i>220.7</i>
September-----	<i>221.6</i>	<i>218.9</i>	<i>220.5</i>	<i>240.1</i>	<i>232.0</i>	<i>220.1</i>	<i>216.7</i>	<i>228.5</i>	<i>238.9</i>	<i>242.0</i>	<i>219.8</i>
October-----	<i>223.9</i>	<i>222.4</i>	<i>224.8</i>	<i>237.8</i>	<i>236.2</i>	<i>223.3</i>	<i>220.6</i>	<i>229.0</i>	<i>239.3</i>	<i>244.1</i>	<i>221.4</i>
November-----	<i>227.1</i>	<i>222.4</i>	<i>226.9</i>	<i>243.4</i>	<i>237.0</i>	<i>229.0</i>	<i>221.6</i>	<i>234.1</i>	<i>241.6</i>	<i>245.8</i>	<i>221.8</i>
December-----	<i>227.2</i>	<i>223.8</i>	<i>229.6</i>	<i>245.4</i>	<i>237.8</i>	<i>230.8</i>	<i>223.0</i>	<i>236.5</i>	<i>243.3</i>	<i>252.9</i>	<i>224.2</i>

NOTE: The old series of Indexes for 1951 are shown in italics.

TABLE D-4: Indexes of retail prices of foods, by group, 1951

[1935-39=100]

Period	All foods	Cereals and bakery products	Meats, poultry, and fish	Dairy products	Eggs	Fruits and vegetables	Beverages	Fats and oils	Sugar and sweets
1951-----	227.4	188.5	272.2	206.0	211.3	217.9	344.5	168.8	186.6
1951: January-----	221.9	185.4	263.6	202.6	191.5	214.1	340.6	171.5	185.6
February-----	226.0	187.1	270.1	204.4	179.8	224.3	342.7	176.5	186.0
March-----	226.2	187.5	272.2	204.6	195.2	217.1	342.6	177.3	186.0
April-----	225.7	188.3	272.6	204.1	191.2	214.8	343.7	178.3	185.9
May-----	227.4	188.2	272.8	203.5	198.4	221.6	345.3	176.7	185.4
June-----	226.9	188.4	271.6	203.9	201.2	219.9	345.2	175.2	186.1
July-----	227.7	189.0	273.2	205.1	211.5	218.5	344.8	168.8	188.0
August-----	227.0	188.7	275.0	205.9	225.8	208.9	345.2	162.7	188.3
September-----	227.3	189.4	275.6	206.4	239.3	205.1	345.0	161.5	188.2
October-----	229.2	189.4	276.6	207.9	243.4	210.8	345.8	160.6	187.0
November-----	231.4	190.2	273.5	210.4	241.8	223.5	346.6	158.5	186.7
December-----	232.2	190.4	270.1	213.2	216.7	236.5	346.8	157.8	186.4

TABLE D-5: Indexes of wholesale prices, by group of commodities, 1951¹

[1926=100]

Period	All commodities	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting materials	Metals and metal products	Building materials	Chemicals and allied products	Housefurnishing goods	Miscellaneous	Raw materials	Semimanufactured products	Manufactured products	All products other than farm products	All commodities other than farm products and foods
1951-----	180.4	196.1	186.9	221.4	172.2	138.2	189.2	225.5	143.3	176.0	141.0	192.4	177.6	174.9	176.7	169.4
1951: January-----	180.2	194.2	182.2	235.4	178.4	136.4	187.5	226.2	147.5	175.0	142.4	192.6	184.9	173.3	176.9	170.4
February-----	183.7	202.6	187.6	238.7	181.0	138.1	188.1	228.2	150.2	175.7	142.7	198.9	187.0	175.6	179.3	171.9
March-----	184.0	203.8	186.6	236.9	183.0	138.6	188.8	228.6	149.3	179.1	142.5	199.4	187.4	175.9	179.4	172.6
April-----	183.6	202.5	185.8	233.3	182.7	138.1	189.0	228.6	147.2	180.4	142.7	197.7	187.0	176.1	179.2	172.3
May-----	182.9	199.6	187.3	232.6	182.0	137.5	188.8	227.7	145.7	180.1	141.7	195.5	186.4	176.2	179.0	171.6
June-----	181.7	198.6	186.3	230.6	177.9	137.8	188.2	225.6	142.3	179.5	141.7	194.7	180.0	175.6	177.8	170.6
July-----	179.4	194.0	186.0	221.9	173.2	137.9	187.9	223.8	139.4	178.8	138.8	189.9	174.0	175.1	176.0	168.6
August-----	178.0	190.6	187.3	213.7	167.4	138.1	188.1	222.6	140.1	175.3	138.2	187.5	170.0	174.4	174.9	167.2
September-----	177.6	189.2	188.0	212.1	163.1	138.8	189.1	223.1	140.8	172.4	138.5	187.0	168.8	174.2	174.8	167.0
October-----	178.1	192.3	189.4	208.3	157.7	138.9	191.2	223.6	141.1	171.7	139.2	188.9	168.3	174.3	174.8	166.6
November-----	178.3	195.1	188.8	196.6	159.4	139.1	191.5	224.5	138.7	172.0	141.3	189.6	168.7	174.1	174.3	166.9
December-----	177.8	193.6	187.3	192.3	160.5	139.2	191.7	224.0	137.9	172.0	141.6	188.8	167.9	173.9	174.1	166.9

¹ This index (1926=100) is the official index for December 1951 and all previous dates. The index was revised beginning with January 1952. For a detailed description of the revised index see February 1952.

Monthly Labor Review, A Description of the Revised Wholesale Price Index (also reprinted as Serial No. R. 2067).

TABLE D-6: City worker's budget for family of 4 persons and relative differences in costs in 34 large cities, October 1951

City	Estimated annual costs							Relative differences (Washington, D. C.=100)				
	Total budget	Goods, rents, and services				Other costs ³	Personal taxes ⁴	Goods, rents, and services				
		Total	Housing ¹	Food ²	Other goods and services			Total	Housing ¹	Food ²	Other goods and services	
Atlanta, Ga.	\$4,315	\$3,844	\$934	\$1,381	\$1,529	\$161	\$310	97	97	90	102	97
Baltimore, Md.	4,217	3,761	875	1,354	1,532	161	295	95	95	85	100	97
Birmingham, Ala.	4,252	3,766	805	1,371	1,590	191	295	95	95	78	101	101
Boston, Mass.	4,217	3,753	801	1,356	1,596	161	303	95	95	77	100	101
Buffalo, N. Y.	4,127	3,674	775	1,324	1,575	177	276	93	93	75	98	100
Chicago, Ill.	4,185	3,745	825	1,353	1,567	161	279	94	94	80	100	99
Cincinnati, Ohio	4,208	3,764	901	1,316	1,547	161	283	94	95	87	97	98
Cleveland, Ohio	4,103	3,678	715	1,330	1,633	161	264	92	93	69	98	103
Denver, Colo.	4,199	3,748	857	1,331	1,560	161	290	94	95	83	98	99
Detroit, Mich.	4,195	3,753	758	1,360	1,635	161	281	94	95	73	101	104
Houston, Tex.	4,304	3,839	964	1,362	1,513	161	304	97	97	93	101	96
Indianapolis, Ind.	4,044	3,590	689	1,326	1,575	161	293	91	91	67	98	100
Jacksonville, Fla.	4,202	3,759	866	1,359	1,534	161	282	94	95	84	101	97
Kansas City, Mo.	3,960	3,558	683	1,305	1,570	161	241	89	90	66	97	99
Los Angeles, Calif.	4,311	3,818	854	1,335	1,629	191	302	97	96	83	99	103
Manchester, N. H.	4,090	3,654	765	1,327	1,562	161	275	92	92	74	98	99
Memphis, Tenn.	4,190	3,748	865	1,348	1,535	161	281	94	95	84	100	97
Milwaukee, Wis.	4,387	3,878	964	1,296	1,618	161	348	98	98	93	96	102
Minneapolis, Minn.	4,161	3,687	797	1,298	1,592	161	313	93	93	77	96	101
Mobile, Ala.	3,969	3,536	611	1,401	1,524	191	242	89	89	59	104	97
New Orleans, La.	3,812	3,441	581	1,363	1,497	161	210	86	87	56	101	95
New York, N. Y.	4,083	3,639	723	1,367	1,549	177	267	92	92	70	101	98
Norfolk, Va.	4,146	3,686	815	1,335	1,536	161	299	93	93	79	99	97
Philadelphia, Pa.	4,078	3,607	784	1,370	1,453	161	310	92	91	76	101	92
Pittsburgh, Pa.	4,203	3,750	758	1,363	1,629	161	292	94	95	73	101	103
Portland, Maine	4,021	3,608	716	1,321	1,571	161	252	90	91	69	98	99
Portland, Oreg.	4,153	3,681	764	1,311	1,606	161	311	93	93	74	97	102
Richmond, Va.	4,338	3,840	997	1,328	1,515	161	337	97	97	96	98	96
St. Louis, Mo.	4,112	3,681	751	1,350	1,580	161	270	92	93	73	100	100
San Francisco, Calif.	4,263	3,779	798	1,353	1,628	191	293	96	95	77	100	100
Savannah, Ga.	4,067	3,644	746	1,409	1,489	161	262	91	92	72	104	94
Scranton, Pa.	4,002	3,556	707	1,314	1,535	161	285	90	90	68	97	97
Seattle, Wash.	4,280	3,823	804	1,373	1,646	161	296	96	96	78	102	104
Washington, D. C.	4,454	3,965	1,034	1,352	1,579	161	328	100	100	100	100	100

¹ Estimated average rent, including cost of heat and utilities, of 5-room dwelling units meeting standards specified for budget.

² Includes allowance for 189 meals away from home, and alcoholic beverages, snacks, etc.

³ Includes allowances for life insurance, \$85; occupational expenses,

\$22; Federal old-age and survivors' insurance, \$54; and, as required by State law in Alabama, California, and New York, employee contributions to unemployment or disability insurance.

⁴ Includes Federal and State or local income taxes at 1951 calendar year rates and per capita taxes as required by State or local law.

TABLE D-7a: Major categories of consumption, savings, and income, Memphis, Tenn., average annual expenditures, families of 2 or more persons, by net income class, 1949

Item	All families: Annual money income after personal taxes ¹									
	Under \$1,000	\$1,000 to \$2,000	\$2,000 to \$3,000	\$3,000 to \$4,000	\$4,000 to \$5,000	\$5,000 to \$6,000	\$6,000 to \$7,500	\$7,500 to \$10,000	Under \$10,000	
Number of families in each class.....	14	48	86	74	51	37	19	13	342	
Percent of families in each class.....	4.1	14.0	25.0	21.6	14.9	10.8	5.5	3.8	99.7	
Average family size ²	2.8	3.3	3.2	3.5	3.6	3.2	3.7	3.0	3.4	
Average number of earners.....	1.1	1.4	1.4	1.6	1.7	2.0	2.0	1.3	1.6	
Expenditures for current consumption.....	\$821	\$1,666	\$2,605	\$3,369	\$4,359	\$4,856	\$6,253	\$6,588	\$3,424	
Food ³	428	654	919	1,069	1,293	1,338	1,556	1,915	1,068	
Housing, fuel, light, and refrigeration ⁴	184	292	346	462	592	603	681	837	459	
Household operation.....	45	92	111	164	181	267	381	608	178	
Furnishings and equipment.....	13	119	207	240	345	435	750	393	276	
Clothing.....	41	211	376	482	517	766	1,017	927	482	
Automobile.....	0	55	157	325	618	615	729	684	343	
Other transportation.....	16	39	58	61	77	110	80	50	63	
Medical care.....	20	51	156	206	189	255	376	436	185	
Personal care.....	15	41	73	87	94	107	145	142	83	
Recreation.....	6	32	86	111	173	155	285	181	116	
Tobacco.....	18	36	49	75	106	100	76	80	68	
Reading.....	9	16	24	36	44	40	54	69	33	
Education.....	1	3	5	13	39	11	39	109	18	
Other.....	25	25	38	38	91	54	84	157	52	
Gifts and contributions.....	12	48	99	180	178	294	256	665	169	
Insurance.....	19	64	123	155	215	246	250	458	164	
Net surplus.....	0	0	0	0	0	103	0	990	0	
Personal taxes ⁵	0	14	67	127	287	431	478	719	190	
Money income ¹	820	1,534	2,534	3,484	4,471	5,438	6,555	8,536	3,583	
Other money receipts ⁶	0	1	(⁸)	25	5	10	5	0	8	
Net deficit.....	1	211	190	43	170	0	8	0	63	
Balancing difference ⁷	-31	-32	-103	-152	-106	-51	-191	-165	-103	
Surplus:										
Percentage reporting.....	21.4	18.7	26.7	47.3	47.1	54.1	52.6	84.6	39.5	
Average amount for those reporting.....	\$44	\$175	\$288	\$407	\$472	\$837	\$669	\$1,523	\$549	
Deficit:										
Percentage reporting.....	42.9	66.7	69.8	52.7	52.9	40.5	47.4	15.4	55.6	
Average amount for those reporting.....	\$22	\$366	\$382	\$445	\$741	\$863	\$760	\$1,941	\$504	
Percent of expenditure for current consumption.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Food ³	52.2	39.2	35.4	31.8	29.7	27.4	24.8	29.0	31.2	
Housing, fuel, light, and refrigeration ⁴	22.5	17.5	13.3	13.7	13.6	12.5	10.9	12.7	13.4	
Household operation.....	5.5	5.5	4.2	4.9	4.1	5.5	6.1	9.2	5.2	
Furnishings and equipment.....	1.6	7.1	7.9	7.1	7.9	9.0	12.0	6.0	8.1	
Clothing.....	5.0	12.7	14.4	14.3	11.9	15.7	16.3	14.1	14.1	
Automobile.....	0	3.3	6.0	9.6	14.2	12.7	11.7	10.4	10.0	
Other transportation.....	1.9	2.3	2.2	1.8	1.8	2.3	1.3	.8	1.8	
Medical care.....	2.4	3.1	6.0	6.1	4.3	5.3	6.0	6.6	5.4	
Personal care.....	1.8	2.5	2.8	2.6	2.1	2.2	2.3	2.2	2.4	
Recreation.....	.7	1.9	3.3	3.3	4.0	3.2	4.6	2.7	3.4	
Tobacco.....	2.2	2.2	1.9	2.2	2.4	2.1	1.2	1.2	2.0	
Reading.....	1.1	1.0	.9	1.1	1.0	.8	.9	1.0	1.0	
Education.....	.1	.2	.2	.4	.9	.2	.6	1.7	.5	
Other.....	3.0	1.5	1.5	1.1	2.1	1.1	1.3	2.4	1.5	

¹ Families are classified by total money income from wages, salaries, self-employment, receipts from roomers and boarders, rents, interest, dividends, etc., after payment of personal taxes (Federal and State income, poll, and personal property) and occupational expenses.

² Family size is based on equivalent persons, with 52 weeks of family membership considered equivalent to 1 person, 26 weeks equivalent to 0.5 person, etc.

³ Includes expenditures for alcoholic beverages.

⁴ Includes rents for tenant-occupied dwellings and for lodging away from home, and current operation expenses of home owners. Excludes principal payments on mortgages on owned homes.

⁵ Includes Federal and State income, poll, and personal property taxes. Excludes inheritance and gift taxes.

⁶ Includes inheritances, large gifts, lump-sum settlements from accident or health insurance policies, and terminal-leave payments received upon discharge from the Armed Forces, which were not considered current income.

⁷ Represents the average net difference between reported money receipts and reported money disbursements (i. e. money income, other money receipts, and net deficit minus expenditures for current consumption, gifts and contributions, insurance, and net surplus).

⁸ Less than 0.05 percent or too small in amount for inclusion.

TABLE D-8a: Major categories of consumption, savings, and income, Memphis, Tenn., average annual expenditures of single persons, by net income class, 1949

Item	All single consumers					Item	All single consumers					
	Annual money income after personal taxes ¹		White single consumers	Negro single consumers			Annual money income after personal taxes ¹		All income classes	White single consumers	Negro single consumers	
	Under \$2,000	\$2,000 and over			Under \$2,000		\$2,000 and over					
Number of single consumers in each class.....	34	19	53	30	23	Net deficit.....	\$2	0	0	0	\$59	
Percent of single consumers in each class.....	64.2	35.8	100.0	100.0	100.0	Balancing difference ⁶	-38	-\$37	-\$37	-\$75	+14	
Average number of earners.....	.9	1.0	.9	.9	1.0	Surplus:						
Expenditures for current consumption.....	\$985	\$2,497	\$1,525	\$1,937	\$988	Percentage reporting.....	29.4	47.4	35.8	46.7	21.7	
Food ²	283	652	415	517	281	Average amount for those reporting.....	\$324	\$626	\$467	\$549	\$238	
Housing, fuel, light, and refrigeration ³	249	371	292	307	273	Deficit:						
Household operation.....	64	112	81	101	55	Percentage reporting.....	47.1	41.4	47.2	40.0	56.5	
Furnishings and equipment.....	52	142	84	85	82	Average amount for those reporting.....	\$206	\$417	\$282	\$374	\$198	
Clothing.....	135	453	249	358	107	Percent of expenditure for current consumption.....	100.0	100.0	100.0	100.0	100.0	
Automobile.....	0	238	85	151	0	Food ²	28.7	26.1	27.2	26.7	28.5	
Other transportation.....	35	91	55	72	33	Housing, fuel, light, and refrigeration ³	25.3	14.9	19.1	15.9	27.6	
Medical care.....	66	178	106	151	47	Household operation.....	6.5	4.5	5.3	5.2	5.6	
Personal care.....	23	67	39	49	26	Furnishings and equipment.....	5.3	5.7	5.5	4.4	8.3	
Recreation.....	15	77	37	58	10	Clothing.....	13.7	18.2	16.3	18.5	10.8	
Tobacco.....	18	43	27	39	12	Automobile.....	0	9.5	5.6	7.8	0	
Reading.....	12	18	14	17	9	Other transportation.....	3.6	3.6	3.6	3.7	3.3	
Education.....	1	9	4	6	1	Medical care.....	6.7	7.1	7.0	7.8	4.8	
Other.....	32	46	37	26	52	Personal care.....	2.3	2.7	2.6	2.5	2.6	
Gifts and contributions.....	74	514	232	380	39	Recreation.....	1.5	3.1	2.4	3.0	1.0	
Insurance.....	41	105	64	75	49	Tobacco.....	1.8	1.7	1.8	2.0	1.2	
Net surplus.....	0	99	34	107	0	Reading.....	1.2	.7	.9	.9	.9	
Personal taxes ⁴	80	518	205	280	9	Education.....	.1	.4	.3	.3	.1	
Money income ¹	983	3,178	1,769	2,394	957	Other.....	3.3	1.8	2.4	1.3	5.3	
Other money receipts ⁵	77	0	49	30	74							

¹ Families are classified by total money income from wages, salaries, self-employment, receipts from roomers and boarders, rents, interest, dividends, etc., after payment of personal taxes (Federal and State income, poll, and personal property) and occupational expenses.

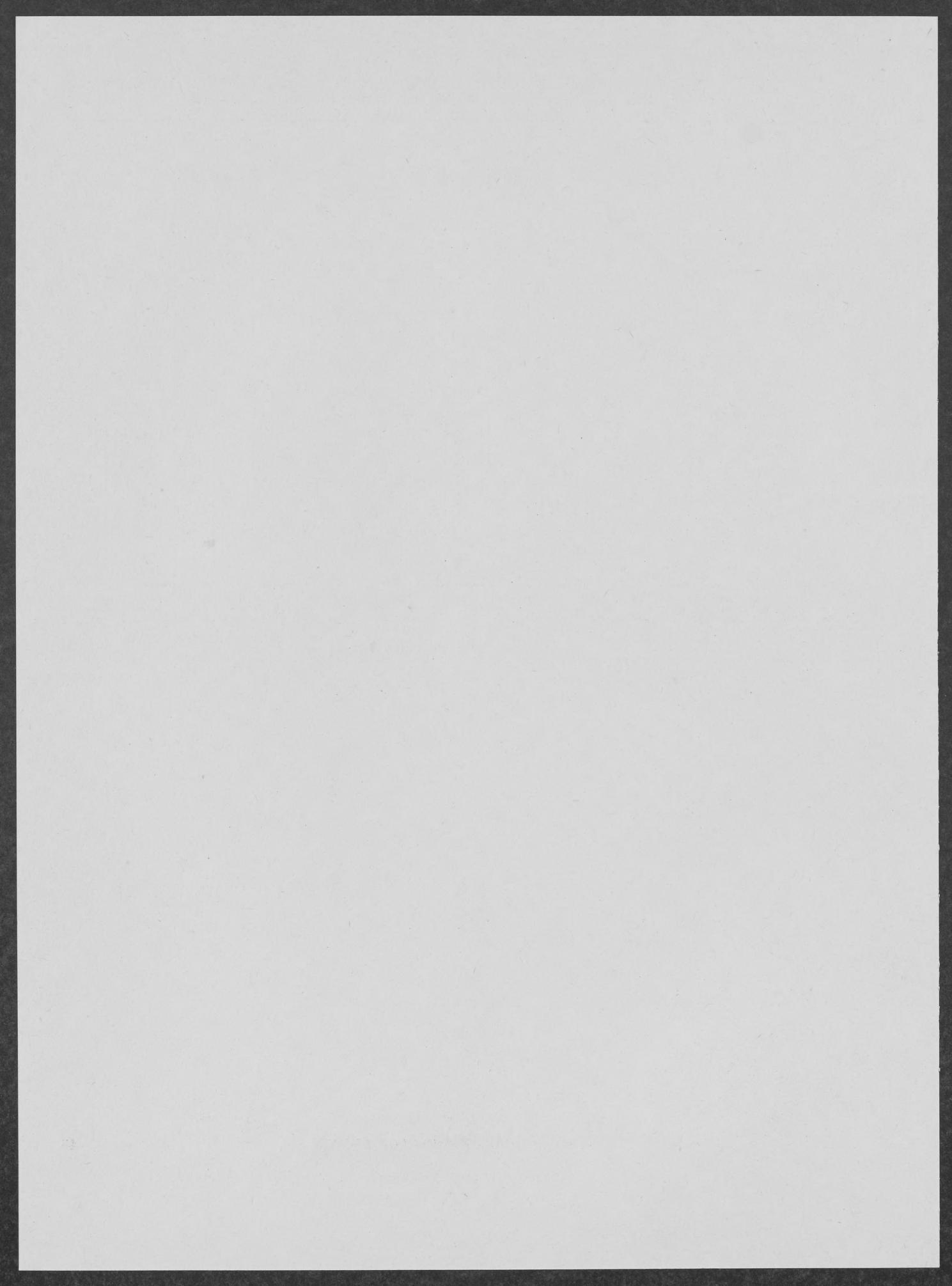
² Includes expenditures for alcoholic beverages.

³ Includes rents for tenant-occupied dwellings and for lodging away from home, and current operation expenses of home owners. Excludes principal payments on mortgages on owned homes.

⁴ Includes Federal and State income, poll, and personal property taxes. Excludes inheritance and gift taxes.

⁵ Includes inheritances, large gifts, lump-sum settlements from accident or health insurance policies, and terminal leave payments received upon discharge from the Armed Forces, which were not considered current income.

⁶ Represents the average net difference between reported money receipts and reported money disbursements (i. e. money income, other money receipts, and net deficit minus expenditures for current consumption, gifts and contributions, insurance, and net surplus).



Section E: Industrial Relations

The following are changes considered necessary to bring up to date the data and footnotes appearing in table E-1 of the 1950 edition of the Handbook of Labor Statistics:

- (1) Revise second sentence of footnote 4 to read:

Figures since 1935 are estimates of the Bureau of Labor Statistics.

Change last part of last sentence to read as follows:

in 1950 the expulsion of 11 unions from the CIO placed these organizations in the independent union category, although a number of members from these unions remained with or subsequently returned to the CIO; in 1951 the International Association of Machinists reaffiliated with the AFL.

- (2) Eliminate footnote 15.

TABLE E-1: Membership of labor unions, 1951

Period	American Federation of Labor		Congress of Industrial Organizations		Independent or unaffiliated unions	All unions
	Number of affiliated unions	Total membership (thousands)	Number of affiliated unions	Total membership (thousands)	Total membership (thousands)	Total membership (thousands)
1951-----	109	7,846	33	(2)	2,000-2,500	* 16,500-17,000

¹ See footnote 1 on original table. Based upon union reports to the Bureau of Labor Statistics and other available sources, average AFL membership in 1951 would appear to be approximately 9,500,000.

² See footnote 13 on original table. The CIO publishes total per capita receipts. Based on such data, the average membership of the CIO on which per capita was paid during 1951 would be about 4 million. However, based upon reports to the Bureau of Labor Statistics and on other available sources, CIO membership in 1951 would appear to be approximately 5,000,000.

³ Includes Canadian members of labor unions with headquarters in the United States. This totaled 796,016 at the beginning of 1952.

TABLE E-2: Extent of work stoppages, 1950-51

Period	Work stoppages beginning in period			Man-days idle (all stoppages)			Indexes (1935-39=100)		
	Number	Average duration (calendar days) ¹	Workers involved		Number (thousands)	Percent of estimated working time of all workers ⁴	Per worker involved	Work stoppages	Workers involved
			Number ² (thousands)	Percent of total employed ³					
1950 ⁵ -----	4,843	19.2	2,410	6.9	38,800	0.44	16.1	169	214
1951 ⁵ -----	4,737	17.4	2,220	5.5	22,900	.23	10.3	166	197
	Period			Work stoppages beginning in period			Man-days idle (all stoppages)		
	Number	Average duration (calendar days)	Workers involved		Number (thousands)	Percent of total employed ³	Number (thousands)	Percent of estimated working time ⁴	
			Number ² (thousands)	Percent of total employed ³					
1950: January-----	248		170.0	0.93	2,730	0.40			
February-----	206		56.5	1.63	8,590	1.39			
March-----	298		85.2	1.71	3,870	.51			
April-----	407		159.0	.88	3,280	.49			
May-----	485		354.0	1.49	3,270	.44			
June-----	483		278.0	1.07	2,630	.34			
July-----	463		224.0	1.11	2,750	.39			
August-----	635		346.0	1.22	2,660	.32			
September-----	521		270.0	1.23	3,510	.48			
October-----	550		197.0	.90	2,590	.32			
November-----	329		200.0	.84	2,050	.27			
December-----	218		61.1	.31	912	.12			
1951: January-----	442		237.0	.66	1,270	.15			
February-----	347		186.0	.82	1,940	.26			
March-----	355		120.0	.58	1,710	.20			
April-----	367		163.0	.56	1,890	.23			
May-----	440		166.0	.62	1,820	.21			
June-----	396		194.0	.65	1,800	.21			
July-----	450		284.0	.86	1,880	.22			
August-----	505		213.0	.78	2,640	.28			
September-----	457		215.0	.84	2,540	.33			
October-----	487		248.0	.90	2,790	.30			
November-----	305		84.0	.47	1,610	.19			
December-----	186		81.5	.32	1,020	.13			

¹ Figures are a simple average—each strike is given equal weight regardless of its size.

² Figures include duplicate counting where workers were involved in more than one stoppage during the year.

³ "Total employed workers". For 1927-1950 refers to all workers (based on nonagricultural employment reported by the Bureau) except those in occupations and professions in which there is little if any union organization or in which strikes rarely if ever occur. In most industries, it includes all wage and salary workers except those in executive, managerial, or high supervisory positions, or those performing professional work, the nature of which makes union organization or group action unlikely. It excludes all self-employed, domestic workers, workers on farms employing fewer than 6 persons, all Federal and State government employees, and the officials, both elected and appointed, in local governments.

In 1951, the concept of "total employed workers" was changed to coincide with the Bureau's figures of nonagricultural employment, excluding government, but not excluding workers in certain occupational

groups as in earlier years. Tests show that the percentage of total idleness computed on the basis of these new figures usually differs by less than one-tenth of a point while the percentage of workers idle differs by about 0.5 or 0.6 of a point. For example, the percentage of workers idle during 1950 computed on the same base as the figures for earlier years is 6.9 and the percent of idleness is 0.44 compared with 6.3 and 0.40, respectively, computed on the new base.

⁴ For each year, "estimated working time" was computed for purposes of this table by multiplying the average number of employed workers (see footnote 3) by the number of days worked by most employees. This number excludes Saturdays when customarily not worked, Sundays, and established holidays.

⁵ Beginning in mid-1950, a new source of strike "leads" was added. It is estimated that this increased the number of strikes reported in 1950 by perhaps 5 percent and in 1951 by approximately 10 percent. However, since most of the added stoppages were small, they increased the number of workers involved and man-days of idleness by less than 2 percent in 1950 and by less than 3 percent in 1951.

TABLE E-3: Work stoppages in selected industry groups, 1951

Industry group	1951	Industry group	1951
<i>Manufacturing</i>			
<i>Primary metal industries:</i>			
Stoppages beginning in year:			
Number.....	308	Stoppages beginning in year:	
Workers involved (thousands).....	214.0	Number.....	121
Man-days idle, all stoppages (thousands).....	1,630	Workers involved (thousands).....	153.0
<i>Fabricated metal products (except ordnance, machinery, and transportation equipment):</i>			
Stoppages beginning in year:		Man-days idle, all stoppages (thousands).....	3,490
Number.....	242	<i>Apparel:</i>	
Workers involved (thousands).....	84.2	Stoppages beginning in year:	
Man-days idle, all stoppages (thousands).....	1,300	Number.....	210
<i>Automobiles and automobile equipment:</i>		Workers involved (thousands).....	54.0
Stoppages beginning in year:		Man-days idle, all stoppages (thousands).....	354
Number.....	109	<i>Nonmanufacturing</i>	
Workers involved (thousands).....	143.0	<i>Mining:</i>	
Man-days idle, all stoppages (thousands).....	883	Stoppages beginning in year:	
<i>Transportation equipment (except automobiles):</i>		Number.....	622
Stoppages beginning in year:		Workers involved (thousands).....	284.0
Number.....	85	Man-days idle, all stoppages (thousands).....	1,290
Workers involved (thousands).....	86.7	<i>Construction:</i>	
Man-days idle, all stoppages (thousands).....	1,720	Stoppages beginning in year:	
<i>Machinery (except electrical):</i>		Number.....	651
Stoppages beginning in year:		Workers involved (thousands).....	232.0
Number.....	268	Man-days idle, all stoppages (thousands).....	1,190
Workers involved (thousands).....	158.0	<i>Trade:</i>	
Man-days idle, all stoppages (thousands).....	3,370	Stoppages beginning in year:	
<i>Stone, clay, and glass products:</i>		Number.....	277
Stoppages beginning in year:		Workers involved (thousands).....	40.0
Number.....	132	Man-days idle, all stoppages (thousands).....	289
Workers involved (thousands).....	19.0	<i>Railroad transportation:</i>	
Man-days idle, all stoppages (thousands).....	231	Stoppages beginning in year:	
<i>Food and kindred products:</i>		Number.....	17
Stoppages beginning in year:		Workers involved (thousands).....	75.9
Number.....	197	Man-days idle, all stoppages (thousands).....	467
Workers involved (thousands).....	77.5	<i>Transportation, other:</i>	
Man-days idle, all stoppages (thousands).....	819	Stoppages beginning in year:	
<i>Chemicals and allied products:</i>		Number.....	290
Stoppages beginning in year:		Workers involved (thousands).....	119.0
Number.....	67	Man-days idle, all stoppages (thousands).....	1,140
Workers involved (thousands).....	20.0	<i>Communications and other public utilities:</i>	
Man-days idle, all stoppages (thousands).....	201	Stoppages beginning in year:	
<i>Rubber products:</i>		Number.....	80
Stoppages beginning in year:		Workers involved (thousands).....	35.8
Number.....	156	Man-days idle, all stoppages (thousands).....	180
Workers involved (thousands).....	137.0		
Man-days idle, all stoppages (thousands).....	700		
<i>Leather and leather products:</i>			
Stoppages beginning in year:			
Number.....	78		
Workers involved (thousands).....	22.6		
Man-days idle, all stoppages (thousands).....	221		

TABLE E-4: Work stoppages by major issues involved, 1951

Major issues	Work stoppages		Workers involved		Man-days idle	
	Number	Percent of total for year	Number	Percent of total for year	Number	Percent of total for year
All issues.....	4,737	100.0	2,220,000	100.0	22,900,000	100.0
Wages, hours, and fringe benefits ¹	2,102	44.4	1,180,000	53.2	14,300,000	62.5
Union organization, wages, hours, and fringe benefits ¹	206	4.3	53,000	2.4	1,840,000	8.0
Union organization.....	682	14.4	82,600	3.7	1,620,000	7.1
Other working conditions.....	1,342	28.3	761,000	34.3	4,180,000	18.2
Inter- or intra-union matters.....	326	6.9	132,000	5.9	894,000	3.9
Not reported.....	79	1.7	10,900	.5	63,200	.3

¹ Fringe benefits has been added to the title only for purposes of clarification. There has been no change from previous years in definition or content of these groups.

TABLE E-5: Work stoppages by duration, 1951

Duration	Work stoppages		Workers involved		Man-days idle	
	Number	Percent of total for year	Number	Percent of total for year	Number	Percent of total for year
1 day	692	14.5	247,000	11.2	248,000	1.1
2-3 days	919	19.3	422,000	19.2	842,000	3.9
4 days and less than 1 week	723	15.2	358,000	16.3	1,130,000	5.2
1 week and less than $\frac{1}{2}$ month	1,009	21.2	548,000	24.8	3,270,000	15.0
$\frac{1}{2}$ month and less than 1 month	680	14.3	303,000	13.8	4,050,000	18.5
1 month and less than 2 months	426	9.0	140,000	6.3	4,110,000	18.8
2 months and less than 3 months	161	3.4	119,000	5.4	4,570,000	20.9
3 months and over	148	3.1	65,100	3.0	3,620,000	16.6

TABLE E-6: Work stoppages by State, 1951

State	Work stoppages beginning in year			Man-days idle (all stoppages)	State	Work stoppages beginning in year			Man-days idle (all stoppages)			
	Num- ber	Workers involved				Workers involved	Number	Percent of total				
		Number	Percent of total									
Alabama	163	109,000	4.9	1,270,000	5.5	Nebraska	15	3,160	0.1	39,900	0.2	
Arizona	24	10,600	.5	103,000	.5	Nevada	11	1,880	.1	14,400	.1	
Arkansas	25	6,040	.3	52,200	.2	New Hampshire	23	5,050	.2	73,500	.3	
California	217	98,500	4.4	1,210,000	5.3	New Jersey	200	87,600	4.0	1,190,000	5.2	
Colorado	25	4,300	.2	71,500	.3	New Mexico	26	9,900	.4	91,700	.4	
Connecticut	84	25,200	1.1	400,000	1.7	New York	570	196,000	9.0	2,530,000	11.0	
Delaware	17	4,890	.2	59,500	.3	North Dakota	3	340	(1)	1,290	(1)	
District of Columbia	11	4,580	.2	26,600	.1	North Carolina	38	24,300	1.1	508,000	2.2	
Florida	44	11,000	.5	156,000	.7	Ohio	402	197,000	8.9	1,690,000	7.4	
Georgia	45	10,800	.5	179,000	.8	Oklahoma	28	3,190	.1	38,100	.2	
Idaho	11	3,210	.1	29,000	.1	Oregon	67	15,500	.7	248,000	1.1	
Illinois	283	148,000	6.7	2,090,000	9.1	Pennsylvania	630	275,000	12.5	1,910,000	8.3	
Indiana	204	105,000	4.7	763,000	3.3	Rhode Island	25	22,300	1.0	784,000	3.4	
Iowa	47	15,700	.7	108,000	.5	South Carolina	18	8,820	.4	270,000	1.2	
Kansas	22	8,550	.4	58,400	.3	South Dakota	7	360	(1)	2,840	(1)	
Kentucky	165	97,200	4.4	324,000	1.4	Tennessee	146	47,800	2.2	251,000	1.1	
Louisiana	40	13,300	.6	341,000	1.5	Texas	86	28,900	1.3	294,000	1.3	
Maine	14	5,860	.3	73,900	.3	Utah	24	11,600	.5	94,400	.4	
Maryland	39	12,200	.5	179,000	.8	Vermont	5	2,420	.1	43,400	.2	
Massachusetts	151	60,000	2.7	1,030,000	4.5	Virginia	139	46,400	2.1	411,000	1.8	
Michigan	315	215,000	9.7	1,600,000	7.0	Washington	71	41,400	1.9	326,000	1.4	
Minnesota	53	20,300	.9	214,000	.9	West Virginia	231	83,200	3.8	462,000	2.0	
Mississippi	35	17,800	.8	214,000	.9	Wisconsin	87	43,000	1.9	704,000	3.1	
Missouri	113	41,300	1.9	314,000	1.4	Wyoming	7	600	(1)	3,500	(1)	
Montana	12	10,100	.5	72,700	.3							

¹ Less than 0.05 percent.TABLE E-7: Work stoppages in 30 cities, 1951¹

City	Stoppages beginning in year		Man-days idle (all stoppages)	City	Stoppages beginning in year		Man-days idle (all stoppages)
	Number	Workers involved			Number	Workers involved	
Akron, Ohio	58	51,400	181,000	Memphis, Tenn	20	11,800	37,600
Atlanta, Ga	16	2,190	45,400	Milwaukee, Wis	23	14,400	160,000
Baltimore, Md	18	4,410	34,400	Minneapolis, Minn	22	9,010	127,000
Birmingham, Ala	25	9,660	120,000	Newark, N. J.	35	12,000	75,000
Boston, Mass	23	7,900	59,700	New Orleans, La	15	8,550	293,000
Buffalo, N. Y	47	8,450	74,900	New York, N. Y	329	85,400	883,000
Chicago, Ill	59	36,200	539,000	Philadelphia, Pa	67	28,700	290,000
Cincinnati, Ohio	36	11,200	139,000	Pittsburgh, Pa	57	15,700	141,000
Cleveland, Ohio	38	18,000	369,000	Portland, Oreg	31	5,190	121,000
Denver, Colo	20	3,480	63,900	Providence, R. I.	12	8,570	485,000
Detroit, Mich	161	122,000	945,000	St. Louis, Mo	56	21,600	168,000
Houston, Tex	17	8,940	31,000	San Francisco, Calif	31	10,500	81,000
Indianapolis, Ind	22	5,110	75,200	Seattle, Wash	15	12,500	115,000
Kansas City, Mo	14	3,850	36,800	Toledo, Ohio	23	12,900	117,000
Los Angeles, Calif	62	19,100	156,000	Washington, D. C	10	4,360	24,800

¹ Figures relate to stoppages in establishments within the corporate limits of the respective cities.

TABLE E-8: Work stoppages by major union affiliation, 1951¹

Period	Stoppages		Workers involved		Man-days idle	
	Number	Percent of total for year	Number	Percent of total for year	Number	Percent of total for year
American Federation of Labor						
1951-----	2,117	44.8	654,000	29.5	6,570,000	28.7
Congress of Industrial Organizations						
1951-----	1,387	29.3	1,030,000	46.4	12,700,000	55.4
Independent						
1951-----	1,037	21.9	497,000	22.4	3,040,000	13.3

¹ Stoppages in which single-firm unions, two or more rival unions, and no union were involved have been excluded from this table. Therefore, the percentages for any given year do not add to 100.

TABLE E-9: Work stoppages involving 10,000 or more workers, 1951

Business and location	Begin- ning date	Approximate duration (calendar days) ¹	Union involved ²	Approxi- mate number of workers involved ³
Railroads, Nation-wide-----	Jan. 30	3 13	Brotherhood of Railroad Trainmen (Ind.)-----	70,000
Woolen and worsted mills, Connecticut, Georgia, Kentucky, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont-----	Feb. 16	4 74	Textile Workers Union (CIO)-----	48,000
Coal mines, Bluefield and northern West Virginia-----	Feb. 19	7	United Mine Workers (Ind.)-----	28,000
Tennessee Coal, Iron & Railroad Co., Birmingham, Ala., area-----	Feb. 22	13	United Steelworkers (CIO)-----	18,000
Fall River Textile Manufacturers Association, Fall River, Mass., and vicinity-----	Mar. 16	2	Fall River Loomfixers' Union (Ind.) and Slashers & Knot-Tiers Association (Ind.)-----	10,500
Westinghouse Electric Corp., East Pittsburgh, Pa-----	Mar. 30	5	International Union of Electrical, Radio and Machine Workers (CIO)-----	14,000
Cotton and rayon mills, Alabama, Georgia, Louisiana, North Carolina, South Carolina, Tennessee, and Virginia-----	April 1	8 122	Textile Workers Union (CIO)-----	40,000
Garment manufacturers, New York, New Jersey, Connecticut, and eastern Pennsylvania-----	June 12	2	International Ladies' Garment Workers (AFL)-----	21,000
Maritime industry, East, West, and Gulf Coasts-----	June 16	11	National Maritime Union, Marine Engineers' Beneficial Association, and American Radio Association (CIO)-----	15,000
Chrysler Corp. (Dodge Main Plant), Detroit, Mich-----	July 19	6 12	United Automobile Workers (CIO)-----	27,000
Jones & Laughlin Steel Corp., Aliquippa, Pa-----	July 19	5	United Steelworkers (CIO)-----	12,000
Caterpillar Tractor Co., E. Peoria, Ill-----	July 30	63	United Automobile Workers (CIO)-----	24,000
Copper and other nonferrous metal mines, mills and smelters, Nation-wide-----	Aug. 27	12	International Union of Mine, Mill and Smelter Workers (Ind.)-----	40,000
Douglas Aircraft Co., Long Beach, Santa Monica, and El Segundo, Calif-----	Sept. 5	44	United Automobile Workers (CIO) and United Aircraft Welders (Ind.)-----	10,000
Wright Aeronautical Corp., Wood-Ridge and Garfield, N. J-----	Sept. 26	23	United Automobile Workers (CIO)-----	13,000
Inland Steel Co., E. Chicago, Ind-----	Oct. 11	8	United Steelworkers (CIO)-----	14,500
Stevedoring and shipping companies, New York, New Jersey and Boston, Mass-----	Oct. 15	26	International Longshoremen's Association (AFL)-----	17,000
Milk dealers, New York, N. Y., New Jersey, and Connecticut-----	Oct. 24	1	International Brotherhood of Teamsters (AFL)-----	14,000
Tennessee Coal, Iron & Railroad Co., Birmingham, Ala., area-----	Oct. 23	21	United Steelworkers (CIO)-----	25,000

¹ Includes nonwork days, such as Saturdays, Sundays, and holidays. Only normally scheduled workdays are used in computing strike idleness.

² The unions listed are those directly involved in the dispute. The number of workers involved may include members of other unions, or nonunion workers idled by the dispute in the same establishments.

"Workers involved" include all workers made idle for one shift or longer in establishments directly involved in a stoppage. They do not measure the indirect or secondary effects on other establishments or industries whose employees are made idle as a result of material or service shortages.

³ A back-to-work movement began on February 6 in several eastern cities. Other workers complied with an Army directive, issued February

8, 1951, which ordered them to return to their jobs within 48 hours or face dismissal and loss of seniority rights.

⁴ The majority of the mills reopened on March 19, but a substantial number did not reopen until late April. Some 70,000 members of the Textile Workers Union were idle during this period—but only 48,000 were involved in this stoppage. The remainder were idle in local stoppages, in different industries, and for different causes.

⁵ The policy committee of the union voted, on May 5, to comply with the request to call off the strike. A majority of the workers returned to their jobs by the middle of May; others resumed work during late May, June, and July.

⁶ Intermittent idleness of only 4 days.

TABLE E-10: Cases closed by the Federal Mediation and Conciliation Service, by degree of participation and basis for closing, fiscal year 1950-51

Degree of participation and basis for closing	1950-51	
	Number	Percent
Degree of participation:		
Total cases accepted	13,500	100.0
Active cases	6,163	45.7
Consultation	1,258	9.3
Stand-by	6,079	45.0
Basis for closing:		
Total cases accepted	13,500	100.0
Agreement between the parties	12,366	91.6
Called off by parties	102	.8
NLRB jurisdiction	195	1.4
Referred to arbitration	115	.9
Commissioner withdrew	722	.5

Source: Federal Mediation and Conciliation Service.

TABLE E-12: Disposition of cases by the National Labor Relations Board, fiscal year 1950-51

Cases	1950-51
Number of cases filed:	
Total	22,298
Unfair labor practices:	
Number	5,261
Percent of total	23.6
Representation cases:	
Number	10,247
Percent of total	46.0
Union-shop authorization:	
Number	¹ 6,790
Percent of total	30.4
Number of cases closed:	
Total	22,637
Unfair labor practices	
Percent closed before formal action	5,503
Percent closed after formal action	87.2
Representation cases	
Percent closed before formal action	12.8
Percent closed after formal action	10,291
Union-shop authorization	
Percent closed before formal action	74.4
Percent closed after formal action	25.6
Number of cases pending at end of year:	
Total	6,375
Unfair labor practices:	
Number	3,001
Percent of total	47.1
Representation cases:	
Number	2,436
Total	38.2
Union-shop authorization:	
Number	938
Percent of total	14.7

¹ Count through October 22, 1951. Category abolished after that date.

Source: National Labor Relations Board.

Section F: Output Per Man-Hour and Unit Man-Hour Requirements

TABLE F-1: Indexes of output per man-hour (output per worker in agriculture) and unit man-hours, in manufacturing and selected nonmanufacturing industries and agriculture, selected years, 1946-51

[1939=100]

Period	All manufacturing		Mining		Agriculture		Steam railroad transportation		Electric light and power		Telephone		Telegraph	
	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per worker	Workers per unit	Revenue traffic per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per employee	Employees per unit
1946	107.2	193.3	120.2	83.2	129.1	77.4	160.7	62.2	94.8	105.5	109.6	109.6	91.2	82.6
1947	111.1	99.0	115.9	86.3	135.0	74.1	167.0	59.9	94.0	106.4	121.0	121.0	106.4	82.6
1948	110.9	90.2	130.1	76.9	133.2	75.1	171.0	58.5	93.3	107.1	117.0	117.0	85.5	85.5
1949	108.6	92.1	135.9	74.7	131.5	76.1	-----	-----	99.1	100.9	122.0	122.0	82.0	82.0
1950	117.4	85.2	131.0	76.3	149.9	66.7	-----	-----	104.5	95.7	134.8	134.8	74.2	74.2
1951	-----	-----	-----	-----	158.5	63.1	-----	-----	-----	-----	-----	-----	-----	-----

¹ Revised.

TABLE F-2: Indexes of output per man-hour and unit man-hours in selected manufacturing industries, 1947-51

[1939=100]

Period	All manufacturing		Beet-sugar refining		Blast furnaces, steel works, and rolling mills		Bread and other bakery products		Canning and preserving group		Cement	
	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours
1947	93.1	107.4	-----	-----	-----	-----	98.3	101.7	111.1	90.0	111.5	89.7
1948	91.8	108.9	104.5	95.7	-----	-----	-----	-----	116.4	85.9	117.8	84.9
1949	104.5	95.7	-----	-----	-----	-----	-----	-----	127.6	78.3	120.4	83.1
1950	115.0	86.9	-----	-----	-----	-----	-----	-----	131.6	176.0	129.4	177.3
1951	105.0	95.2	-----	-----	-----	-----	-----	-----	-----	-----	137.0	73.0
	Clay construction products		Coke group		Beehive coke		Byproduct coke		Condensed and evaporated milk		Confectionery	
1947	106.1	94.3	106.7	93.7	121.5	82.3	106.3	94.1	96.9	103.2	111.8	89.5
1948	114.9	87.0	102.9	97.1	111.7	89.5	102.6	97.4	99.7	100.3	114.8	87.1
1949	117.3	85.2	98.5	101.6	100.9	100.0	98.4	101.6	97.2	102.8	116.4	85.9
1950	125.9	79.4	106.5	94.2	117.1	85.1	105.8	94.5	99.9	100.1	120.8	82.7
1951	127.0	78.7	108.1	92.5	127.8	78.2	107.5	93.0	95.2	105.1	123.4	81.0

See footnotes at end of table.

TABLE F-2: Indexes of output per man-hour and unit man-hours in selected manufacturing industries, 1947-51—Continued

[1939=100]

Period	Cotton goods		Flour and other grain-mill products		Glass products, incl. tableware, pressed and blown glass, etc.		Glass containers		Hosiery group		Full-fashioned hosiery	
	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours
1947			91.3	109.5			129.6	77.2	114.9	87.0	123.4	81.0
1948			90.2	110.9			1 122.3	1 81.8	118.3	84.5	133.6	74.9
1949			83.0	120.5			1 123.9	1 80.7	127.3	78.6	145.4	68.8
1950			85.9	116.4			1 130.1	1 76.9	138.1	72.4	162.8	61.4
1951			82.9	120.6			129.3	77.3	146.5	68.3	178.8	55.9
	Seamless hosiery		Ice cream		Malt liquors		Newspaper and periodical printing and publishing		Primary smelting and refining of copper, lead, and zinc		Paints and varnishes	
1947	104.9	95.3	137.7	72.6	117.0	85.5			1 95.1	1 105.2		
1948	102.1	97.9	138.6	72.1	115.8	86.3			1 93.9	1 106.5		
1949	108.5	92.1	1 138.7	1 72.1	125.3	79.8			1 96.9	1 103.2		
1950	114.0	87.8	1 148.3	1 67.4	126.9	78.8			1 106.7	1 93.8		
1951	117.3	85.4	152.8	65.4	125.9	79.4			99.7	100.3		
	Paper and pulp group		Rayon and allied products		Slaughtering and meat-packing		Tobacco products group	Cigars		Cigarettes	Chewing and smoking tobacco and snuff	
Period	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours
1947	91.6	109.1	206.9	48.3			115.8	86.4	109.3	91.5	1 125.5	1 125.5
1948	94.6	105.7	235.5	42.5			123.3	81.1	115.6	86.5	1 135.4	1 135.4
1949	99.1	100.9	239.9	41.7			131.2	76.2	125.0	80.0	1 140.5	1 140.5
1950	109.7	91.1	286.1	35.0			137.1	73.0	132.2	75.6	1 144.1	1 144.1
1951			302.5	33.1			140.7	71.1	135.0	74.0	1 148.6	1 148.6
											1 148.6	1 148.6
											1 148.6	1 148.6
											1 148.6	1 148.6

¹ Revised.

² Covers cigarettes, chewing and smoking tobacco, and snuff combined.

TABLE F-3: Indexes of output per man-hour and unit man-hours in selected mining industries,
1950-51

[1939=100]

Period	Mining		Bituminous-coal mining		Anthracite mining		Crude petroleum, natural gas, and natural gasoline ¹		Iron mining			
	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Crude ore		Usable ore	
									Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours
1950.....	117.4	85.2	124.4	80.4	* 86.3	* 115.9	-----	-----	126.6	79.0	108.8	91.9
1951.....			125.5	79.7	93.4	107.0	-----	-----	-----	-----	117.4	85.2

Period	Copper mining								Lead and zinc mining			
	Recoverable metal				Ore				Recoverable metal		Ore	
	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours	Output per man-hour	Unit man-hours						
1950.....			* 116.5	-----	* 85.8	160.8	62.2	94.7	105.6	-----	-----	-----
1951.....			117.7	84.9	156.4	63.9	89.6	111.6	-----	-----	-----	-----

¹ The series for crude petroleum, natural gas, and natural gasoline for the years 1940-51 were not considered sufficiently reliable for publication separately, although satisfactory for inclusion in the combined index for the mining group.

² Revised.

^a Preliminary.

TABLE F-5: Indexes of output per man-hour, total, direct, and indirect man-hours per unit of output for 16 selected manufacturing industries, 1948-51¹

[1939=100 (except as noted)]

Period	Output per man-hour	Man-hours expended per unit of output			Output per man-hour	Man-hours expended per unit of output			Output per man-hour	Man-hours expended per unit of output			Output per man-hour	Man-hours expended per unit of output			
		Total	Direct	Indirect		Total	Direct	Indirect		Total	Direct	Indirect		Total	Direct	Indirect	
		Cane sugar refining				Construction machinery				Electrical appliances (household)				Electrical equipment and supplies			
1948	2 94.1	2 106.3	2 106.5	2 106.4	95.8	2 104.4	95.2	114.8	103.4	96.7	87.6	108.2	-----	-----	-----	-----	
1949	2 97.9	2 102.1	2 103.8	2 100.5	2 95.9	2 104.3	2 95.3	2 114.7	2 105.5	2 94.8	2 83.1	2 112.8	-----	-----	-----	-----	
1950	105.3	95.0	94.5	95.8	98.1	101.9	95.2	110.6	3 114.8	3 87.1	3 78.2	3 101.3	-----	-----	-----	-----	
1951	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Fertilizer			Footwear			Industrial equipment			Leather			Luggage (1945=100)			Machine tools		
1948	2 122.2	2 81.8	2 85.9	2 68.1	2 103.2	2 96.9	2 94.0	2 137.8	115.3	86.7	79.3	99.7	102.2	97.8	96.6	114.3	
1949	2 127.6	2 78.4	2 81.3	2 69.4	2 102.7	2 97.4	2 94.0	2 145.3	120.0	83.3	74.6	98.9	2 101.6	2 98.4	2 96.6	2 117.2	
1950	-----	-----	-----	-----	3 106.4	3 94.0	3 90.7	3 141.4	123.5	81.0	74.1	92.6	2 107.8	2 92.8	2 91.7	2 117.2	
1951	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3 105.8	3 94.5	3 93.2	3 110.4	
Radio receivers (home)			Television (1948=100)			Railroad freight cars			Mining machinery			Men's dress shirts			Soap and glycerin		
1948	93.2	107.3	110.7	100.0	89.6	111.6	98.2	120.8	{ ⁴ 114.2 5 115.5}	4 87.6 5 86.9	4 84.9 5 84.1	4 114.8 5 115.2	101.4	98.6	96.3	99.6	
1949	-----	-----	-----	-----	2 92.7	2 107.9	2 93.5	2 120.3	2 114.5	2 87.3	2 84.0	2 121.1	101.5	98.5	95.4	101.9	
1950	-----	-----	-----	-----	95.3	104.9	91.1	115.2	3 119.0	3 84.0	3 81.2	3 112.7	105.5	94.8	91.7	98.1	
1951	-----	-----	-----	-----	3 97.4	3 102.7	3 89.9	3 112.3	3 123.0	3 81.3	3 78.4	3 111.2	-----	-----	-----	-----	

¹ Output per man-hour is the reciprocal of total man-hours expended per unit of output.

² Revised.

³ Preliminary.

⁴ First quarter 1948.

⁵ Second quarter 1948.

TABLE F-5a: Indexes of output per man-hour, total, direct, and indirect man-hours per unit of output for 4 selected manufacturing industries, 1939-51¹

Period	Men's work clothing (1945=100)			Metal forming machinery (1945=100)			Men's winter weight suits ² and coats (making operation only) ³			Synthetic rubber (1945=100)					
	Output per man-hour	Man-hours expended per unit of output		Output per man-hour	Man-hours expended per unit of output		Output per man-hour	Man-hours expended per unit of output		Output per man-hour	Man-hours expended per unit of output				
		Total	Direct		Total	Direct		Total	Direct		Total	Direct	Indirect		
1939	-----	-----	-----	105.5	94.8	99.1	85.5	-----	-----	-----	-----	-----	-----		
1940	-----	-----	-----	104.5	95.7	100.9	84.2	-----	-----	-----	-----	-----	-----		
1941	-----	-----	-----	103.5	96.6	100.6	86.3	-----	-----	-----	-----	-----	-----		
1942	-----	-----	-----	102.2	97.8	100.5	90.0	-----	-----	-----	-----	-----	-----		
1943	-----	-----	-----	97.4	102.7	103.8	100.0	-----	-----	-----	-----	-----	-----		
1944	-----	-----	-----	92.9	107.6	107.6	107.5	-----	-----	-----	-----	-----	-----		
1945	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-----	-----	-----	100.0	100.0	-----		
1946	107.0	93.4	94.0	88.9	103.2	96.9	96.2	100.2	-----	-----	123.8	80.8	-----		
1947	98.8	101.2	101.7	93.8	107.9	92.7	92.0	96.0	103.6	96.5	97.0	92.3	-----		
1948	101.0	99.0	100.0	98.9	111.9	89.4	88.2	94.4	100.6	99.4	99.5	98.0	118.9	84.1	-----
1949	106.5	93.9	94.9	90.8	110.4	90.6	88.3	98.9	96.1	104.1	103.5	109.6	149.2	67.0	-----
1950	-----	-----	-----	-----	-----	-----	-----	-----	98.3	101.7	102.0	98.7	129.4	77.3	-----
1951	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ These industries were not shown in the Handbook of Labor Statistics 1950 Edition.

² Preliminary.

³ 1947-49=100.

Section G: Work Injuries

TABLE G-1: Estimated number of disabling work injuries¹ and resulting time lost, 1951

Period	Number of disabling injuries	Man-days lost	
		In year of injury	In subsequent years (economic loss)
1951-----	2,100,000	42,000,000	177,000,000

¹ A disabling work injury is an injury arising out of and in the course of employment, which results in death or any degree of permanent impairment, or makes the injured worker unable to perform the duties of a regularly established job, open and available to him, throughout the hours corresponding to his regular shift on any one or more days (including Sundays, days off, or plant shut-downs) after the day of injury.

The estimates include injuries to all employees, self-employed, and unpaid family workers in agriculture and all other industries except domestic service.

TABLE G-2: Estimated number of disabling work injuries (major manufacturing and nonmanufacturing industry groups), by extent of disability, 1951

Industry group and type of disability	1951
All industry groups: Total ¹	2,100,000
Fatalities	16,000
Permanent-total	1,600
Permanent-partial	89,400
Temporary-total	2,000,000
Agriculture: ² Total	³ 330,000
Fatalities	4,000
Mining and quarrying: ⁴ Total	³ 75,000
Fatalities	1,200
Construction: ⁵ Total	230,000
Fatalities	2,500
Permanent	8,900
Temporary-total	218,600
Manufacturing: ⁶ Total	510,000
Fatalities	2,700
Permanent	25,200
Temporary-total	482,100
Public utilities: Total	21,000
Fatalities	300
Permanent	600
Temporary-total	20,100
Trade: ⁵ Total	381,000
Fatalities	1,600
Permanent	8,800
Temporary-total	370,600
Transportation: ⁷ Total	³ 186,000
Fatalities	1,400
Service, government, and miscellaneous industries: ⁵ Total	³ 388,000
Fatalities	2,300

¹ Totals have been rounded independently and do not equal the sum of the individual figures.

² Based on cross-section survey of U. S. Department of Agriculture in 1947 and 1948, with adjustments for changes in employment and mechanization.

³ Data for permanent and temporary disabilities not available for industry; however, rough approximations of these breakdowns were made for inclusion in grand totals for all industry.

⁴ Based largely on data compiled by the Bureau of Mines, U. S. Department of the Interior.

⁵ Based on small sample surveys.

⁶ Based on comprehensive survey.

⁷ Data for railroads are based on Interstate Commerce Commission reports; data for other transportation are based on small sample surveys.

TABLE G-3: Work-injury frequency rates and indexes of work-injury frequency rates (manufacturing), by extent of disability, 1949 (revised) and 1950

Period	Injury-frequency rates ¹	Index of frequency rates (1926=100) ²			
		All injuries	Death and permanent-total	Permanent-partial	Temporary-total
1949 (revised)-----	14.5	61.2	44.3	61.9	61.6
1950-----	14.7	61.8	44.3	61.3	62.2

¹ The frequency rates shown (average number of disabling injuries for each million employee-hours worked) represent the combined experience of all reporting establishments in each year. Prior to 1936 the frequency rates were unweighted. From 1936 on, the all-manufacturing rates have been weighted averages. In their computation the current procedure is to weight the frequency rate for each industry classification by the estimated total employment in that industry.

² Prior to 1937 the index numbers represent the change in the frequency rate of the entire reporting sample for each year as related to the base year, 1926. Because of the substantial expansion of the sample in 1936 and in subsequent years this procedure was changed. Beginning with 1937, the indexes have been computed by chain-link methods, using the percentage of change in the frequency rates for identical establishments in each pair of successive years. The index changes, therefore, do not necessarily correspond with the changes in the all-manufacturing frequency rates shown in the table.

TABLE G-4: Work-injury frequency rates¹ for selected manufacturing and nonmanufacturing industries, 1949 (revised) and 1950

Industry	1949 revised data ²		1950 injury-frequency rate	Industry	1949 revised data ²		1950 injury-frequency rate
	Injury-frequency rate	Percent change from previously published rates			Injury-frequency rate	Percent change from previously published rates	
Manufacturing							
Total manufacturing	³ 14.5	(4)	³ 14.7				
Food and kindred products							
Meat products	³ 19.7	(4)	³ 18.9				
Dairy products	23.1	(4)	21.7				
Canning and preserving	17.6	(4)	17.8				
Grain-mill products	20.8	(4)	22.8				
Bakery products	18.5	(4)	17.2				
Sugar	14.8	(4)	13.9				
Cane	27.0	(4)	26.4				
Beet	23.5	(4)	22.3				
Confectionery and related products	33.6	(4)	34.2				
Beverages	13.0	(4)	13.8				
Bottled soft drinks	26.4	(5)	23.8				
Malt and malt liquors	29.3	(4)	26.7				
Wines	28.3	(4)	25.3				
Distilled liquors	25.4	(4)	19.8				
Miscellaneous food products	8.5	(4)	8.3				
Tobacco manufacturers	17.1	(4)	14.9				
Textile-mill products	7.5	(4)	6.8				
Cotton yarn and textiles	³ 10.2	(4)	³ 11.0				
Rayon, other synthetic, and silk textiles	9.6	(4)	10.0				
Woolen and worsted textiles	7.7	+12	9.7				
Knit goods	13.1	(4)	13.8				
Dyeing and finishing textiles	5.6	(4)	5.4				
Carpets, rugs, and other floor coverings	14.8	(4)	18.3				
Hats (except cloth and millinery)	15.2	(4)	15.0				
Cordage and twine	16.9	+6	18.2				
Miscellaneous textile goods	15.4	(4)	19.0				
Apparel and other finished textile products	14.7	-10	16.3				
Clothing, men's and boys'	³ 6.2	(4)	³ 6.6				
Clothing, women's and children's	6.1	(4)	6.4				
Millinery	4.3	+5	4.9				
Fur goods and miscellaneous apparel	3.8	(4)	8.3				
Miscellaneous fabricated textile products	5.9	-15	7.8				
Lumber and wood products (except furniture)	13.9	+9	12.5				
Logging	³ 49.0	-12	³ 49.8				
Sawmills and planing mills	93.3	(4)	96.5				
Planing mills	58.2	(5)	59.3				
Sawmills	38.5	(4)	43.5				
Sawmills and planing mills, integrated	58.1	(4)	61.4				
Veneer mills	46.6	(4)	45.6				
Millwork and related products	32.1	(3)	34.6				
Millwork and structural wood products	28.1	(3)	29.5				
Plywood mills	26.5	(4)	28.2				
Wooden containers	32.5	(4)	32.9				
Miscellaneous wood products	34.7	(4)	34.6				
Furniture and fixtures	29.0	+10	27.5				
Household furniture	³ 20.2	-11	³ 21.0				
Metal household furniture	21.1	(3)	21.6				
Mattresses and bedsprings	21.8	(3)	21.8				
Office furniture	18.3	(3)	23.5				
Wood office furniture	19.0	(4)	18.1				
Metal office furniture	17.0	(3)	18.5				
Public-building and professional furniture	27.4	(3)	22.2				
Partitions and fixtures	13.3	(3)	17.1				
Screens, shades, and blinds	24.7	(3)	24.1				
Paper and allied products	19.1	+12	18.8				
Newspapers and periodicals	15.4	(3)	17.1				
Bookbinding and related products	³ 8.3	(4)	³ 8.2				
Miscellaneous printing and publishing	8.9	(4)	8.3				
Printing, publishing, and allied industries	11.2	(4)	8.0				
Fabricated metal products	7.5	(4)	8.2				
Tin cans and other tinware	³ 16.1	(4)	³ 16.1				
Cutlery, hand tools, and hardware	12.7	(4)	15.4				
Cutlery and edge tools	16.9	(4)	17.9				
Hand tools, files, and saws	14.7	(4)	14.8				
Hardware							
Heating and plumbing equipment							
Sanitary ware and plumbers' supplies							
Oil burners, heating and cooking apparatus							
Manufacturing—Continued							
Chemicals and allied products	³ 10.4	+11	³ 11.1				
Industrial inorganic chemicals	8.4	(5)	9.5				
Industrial organic chemicals	5.2	(5)	4.8				
Plastics, except synthetic rubber	5.0	-8	7.0				
Synthetic rubber	3.2	+39	3.4				
Synthetic fibers	3.0	-17	2.1				
Explosives	1.4	-22	3.8				
Miscellaneous industrial organic chemicals	7.5	(5)	6.4				
Drugs and medicines	9.0	-6	8.2				
Soap and related products	7.3	(4)	7.9				
Paints, pigments, and related products	11.3	(4)	13.0				
Fertilizers	22.7	+5	23.8				
Vegetable and animal oils and fats	21.8	+24	23.5				
Compressed and liquefied gases	12.1	-14	11.4				
Miscellaneous chemicals and allied products	13.6	+32	17.6				
Products of petroleum and coal	³ 9.6	(5)	³ 9.3				
Petroleum refining	8.4	(6)	7.7				
Coke ovens	11.5	(6)	12.1				
Beehive	36.4	(6)	50.3				
Byproduct	10.0	(6)	8.7				
Paving and roofing materials	18.0	-8	15.8				
Rubber products	³ 9.8	(4)	³ 10.0				
Tires and inner tubes	5.9	(4)	5.6				
Rubber footwear	4.8	-32	5.3				
Miscellaneous rubber products	15.2	(4)	15.3				
Leather and leather products	³ 10.8	+6	³ 10.8				
Leather tanning and finishing	24.7	(4)	22.5				
Boot and shoe cut stock and findings	18.5	(5)	18.4				
Footwear (except rubber)	7.7	(4)	7.5				
Miscellaneous leather products	9.8	(4)	11.7				
Stone, clay, and glass products	³ 20.6	+5	³ 20.5				
Glass and glass products	13.4	(4)	12.5				
Cement, hydraulic	7.9	(6)	7.2				
Structural clay products	37.1	(4)	35.9				
Pottery and related products	16.1	(4)	16.9				
Concrete, gypsum, and mineral wool	25.3	(4)	25.5				
Lime	31.3	(3)	27.7				
Cut-stone and stone products	36.7	(4)	34.3				
Miscellaneous nonmetallic mineral products	16.7	(4)	19.1				
Primary metal industries	³ 14.5	(5)	³ 14.8				
Blast furnaces and steel mills	6.8	(4)	5.7				
Iron and steel foundries	29.4	(5)	31.7				
Gray-iron and malleable foundries	31.1	+7	33.7				
Steel foundries	23.7	(4)	25.0				
Nonferrous primary smelting and refining	23.2	(6)	22.9				
Copper	18.3	(6)	17.6				
Lead-silver	16.7	(6)	18.7				
Zinc	33.0	(6)	31.2				
Miscellaneous	20.7	(6)	22.3				
Nonferrous rolling, drawing, and alloying	11.1	(3)	15.3				
Nonferrous foundries	19.2	-15	24.8				
Miscellaneous primary metal industries	14.8	(6)	15.8				
Iron and steel forgings	18.5	(4)	21.2				
Wire drawing	10.9	(5)	10.2				
Welded and heavy-riveted pipe	15.5	(4)	14.5				
Cold-finished steel	14.3	(4)	19.4				
Primary metal industries, n. e. c.	24.4	(6)	23.4				

See footnotes at end of table.

G: WORK INJURIES

TABLE G-4: Work-injury frequency rates¹ for selected manufacturing and nonmanufacturing industries, 1949 (revised) and 1950—Continued

Industry	1949 revised data ²		1950 injury-frequency rate	Industry	1949 revised data ²		1950 injury-frequency rate				
	Injury-frequency rate	Percent change from previously published rates			Injury-frequency rate	Percent change from previously published rates					
Manufacturing—Continued											
Fabricated metal products—Continued				Miscellaneous manufacturing industries	3 11.6	(8)	3 13.3				
Fabricated structural metal products	24.1	(8)	25.0	Jewelry, silverware, and plated ware	6.0	(5)	8.0				
Structural steel and ornamental metalwork	23.4	+5	23.2	Fabricated plastics products	14.9	+12	16.2				
Metal doors, sash, frame, and trim	21.0	(8)	29.9	Brooms and brushes	14.6	(4)	17.6				
Boiler-shop products	25.8	(4)	24.5	Morticians' goods	19.0	+14	20.9				
Sheet-metal work	24.4	+11	26.8	Miscellaneous manufacturing	11.3	(4)	12.7				
Metal stamping, coining, and engraving	17.0	(8)	20.2	Ordnance and accessories	6.6	(4)	6.2				
Vitreous-enameling products	17.3	-21	20.8	Nonmanufacturing							
Stamped and pressed metal products	14.5	(4)	17.3	Construction	39.9	(4)	41.0				
Metal coating and engraving	24.8	+5	29.3	General contractors	42.6	(8)	44.5				
Fabricated wire products	17.4	(8)	18.3	General building contractors	41.7	(4)	45.4				
Miscellaneous fabricated metal products	13.8	(8)	14.5	Heavy construction, except highway and street	41.9	(4)	42.8				
Metal barrels, drums, kegs, and pails	12.0	-11	13.7	Highway and street construction	45.5	(4)	44.8				
Steel springs	12.9	-5	17.8	Special-trade contractors	33.2	(8)	33.4				
Bolts, nuts, washers, and rivets	13.6	(4)	16.1	Plumbing, heating, and air conditioning	30.7	(4)	28.5				
Screw-machine products	16.8	+8	14.9	Painting, paperhanging, and decorating	17.7	(4)	23.5				
Fabricated metal products, n. e. c.	13.1	(8)	12.8	Electrical work	27.7	(4)	26.0				
Machinery (except electrical)	3 13.9	(4)	3 13.8	Masonry, stone setting, and other stonework	29.3	(4)	39.6				
Engines and turbines	11.7	(4)	11.0	Plastering and lathing	42.5	(4)	44.8				
Agricultural machinery and tractors	17.1	(4)	15.8	Terrazzo, tile, marble, and mosaic work	27.1	(4)	21.5				
Construction and mining machinery	19.6	(4)	21.6	Roofing and sheet-metal work	32.6	(4)	43.1				
Metalworking machinery	11.3	(4)	11.5	Structural-steel erection and ornamental ironwork	52.8	+9	58.9				
Special-industry machinery	16.1	(8)	15.6	Installation or erection of building equipment	37.6	(4)	25.5				
Food-products machinery	13.8	-8	16.3	n. e. c.	36.3	(4)	36.8				
Textile machinery	13.2	(4)	11.9	Miscellaneous special-trade contractors							
Miscellaneous special-industry machinery	18.3	(4)	17.2	Communication: ⁷							
General industrial machinery	16.4	(3)	15.3	Telephone (wire and radio)	2.3	(4)	2.1				
Pumps and compressors	16.4	+8	15.4	Radio broadcasting and television	1.7	(4)	2.5				
Elevators, escalators, and conveyors	21.3	+7	16.1	Transportation: ⁷							
Mechanical power-transmission equipment (except ball and roller bearings)	14.6	-14	13.8	Stevedoring	67.6	(4)	59.4				
Miscellaneous general industrial machinery	9.1			Streetcar	13.4	-6	16.7				
Commercial and household machinery	8.0	(4)	9.1	Bus (local)	13.1	-5	11.4				
Miscellaneous machinery parts	14.7	(3)	15.4	Local transportation systems, integrated	17.6	(4)	16.1				
Valves and fittings	17.9	(8)	17.7	Trucking and hauling	28.3	(4)	36.6				
Fabricated pipe and fittings	12.1	-36	16.0	Warehousing and storage	31.0	(4)	32.5				
Ball and roller bearings	10.9	(4)	12.0	Transportation, n. e. c.	5.3	(4)	5.6				
Machine shops, general	14.3	-16	15.1	Waterworks							
Electrical machinery	3 6.7	(4)	3 7.4	Heat, light, and power	16.0	(4)	13.8				
Electrical industrial apparatus	7.1	(4)	7.9	Electric light and power	13.9	(4)	12.1				
Electrical appliances	6.7	-25	7.4	Gas	22.1	(4)	18.9				
Insulated wire and cable	13.7	+19	15.6	Personal services							
Electrical equipment for vehicles	8.0	-16	5.8	Personal services	8.9	(4)	10.0				
Electric lamps	3.7	(4)	4.0	Dry cleaning	5.1	(4)	6.5				
Communication equipment	4.9	(5)	6.1	Laundries	6.7	(4)	7.1				
Radios and related products	5.3	+20	6.9	Laundry with dry cleaning	7.5	(4)	7.8				
Radio tubes	3.1	(5)	3.9	Amusements and related services	10.8	(4)	8.8				
Miscellaneous communication equipment	4.6	(4)	5.1	Hotels	13.5	(4)	16.0				
Miscellaneous electrical products	11.5	(3)	12.7	Medical and other professional services	4.0	(4)	4.6				
Batteries	14.9	(4)	15.0	Miscellaneous personal services	4.9	(4)	5.2				
Electrical products, n. e. c.	4.9	-14	8.1	Business services							
Transportation equipment	3 9.4	-7	3 8.3	Business services	3.9	(4)	3.9				
Motor vehicles and equipment	7.7	(5)	7.3	Banks and other financial agencies	2.4	(4)	2.1				
Motor vehicles, bodies, and trailers	6.8	(4)	5.9	Insurance	2.1	(4)	2.0				
Motor vehicle parts and accessories	9.6	-11	9.6	Real estate	5.7	(4)	5.5				
Aircraft and parts	5.9	(5)	4.6	Miscellaneous business services	12.7	(4)	12.3				
Aircraft	4.3	(4)	4.0	Automobile repair shops and garages	11.4	-16	13.0				
Aircraft parts	9.2	+6	5.9	Miscellaneous repair services	27.2	+6	21.9				
Ship and boat building and repairing	27.4	(5)	27.5	Educational services							
Shipbuilding and repairing	25.9	(4)	25.4	Fire departments	32.1	(4)	35.5				
Boat building and repairing	38.3	(4)	38.9	Police departments	27.5	(4)	32.4				
Railroad equipment	14.0	(4)	11.4	Trade							
Miscellaneous transportation equipment	13.6	(4)	15.8	3 10.9	(4)	3 12.3					
Instruments and related products	3 8.2	(5)	3 7.7	Wholesale distributors	13.3	(4)	15.2				
Scientific instruments	4.4	(5)	5.2	Retail, general merchandise	5.2	(4)	5.8				

See footnotes at end of table.

TABLE G-4: Work-injury frequency rates¹ for selected manufacturing and nonmanufacturing industries, 1949 (revised) and 1950—Continued

Industry	1949 revised data ²			Industry	1949 revised data ²			
	Injury-frequency rate	Percent change from previously published rates	1950 injury-frequency rate		Injury-frequency rate	Percent change from previously published rates	1950 injury-frequency rate	
Nonmanufacturing—Continued								
Trade—Continued								
Retail food	11.7	(4)	13.3	Mining and quarrying—Continued				
Wholesale and retail dairy products	23.7	(4)	26.9	Metal mines—Continued				
Retail automobiles and accessories	14.1	(4)	15.5	Gold placer	30.7	(6)	24.0	
Filling stations	4.8	(4)	12.0	Miscellaneous metal	70.9	(6)	79.4	
Retail apparel and accessories	3.9	-11	4.0	Nonmetal mines	42.1	(6)	41.4	
Miscellaneous retail stores	9.7	(4)	11.1	Quarries	38.1	(6)	36.6	
Wholesale and retail building supplies	26.4	(4)	29.1	Cement (excluding mills)	11.7	(6)	10.7	
Wholesale and retail trade combined, n. e. c.	16.5	(4)	13.6	Limestone	39.0	(6)	37.6	
Eating and drinking places	10.6	(4)	10.8	Marble	38.1	(6)	32.3	
Mining and quarrying:⁶				Granite	40.7	(6)	39.5	
Coal mines	56.0	(6)	52.8	Traprock	44.2	(6)	51.6	
Bituminous	52.6	(6)	48.8	Slate	54.2	(6)	43.7	
Anthracite	72.7	(6)	72.5	Sandstone	44.4	(6)	40.7	
Metal mines	48.5	(6)	45.6	Ore dressing (mills and auxiliaries)	23.0	(6)	22.8	
Iron	21.3	(6)	18.8	Copper	15.2	(6)	15.3	
Copper	34.6	(6)	32.5	Iron	15.4	(6)	13.0	
Lead-zinc	89.3	(6)	84.6	Gold-silver	39.4	(6)	45.5	
Gold-silver	112.6	(6)	121.3	Lead-zinc	28.5	(6)	31.6	
				Miscellaneous metals	52.8	(6)	45.3	

¹ The injury-frequency rate is the average number of disabling work injuries for each million employee-hours worked.

² Beginning with 1950, the manufacturing industry classifications used in injury-rate studies were revised to conform with the definitions of the 1945 edition of the Standard Industrial Classification Manual (vol. I), prepared by the Office of Statistical Standards, U. S. Bureau of the Budget. In addition, all reports in the sample were reviewed in light of the latest available product and activity data. As a result of this revision and review, many individual reports were reclassified and the resulting industry rates are not strictly comparable with those published earlier. To provide a basis for comparison, all 1949 rates were recomputed on the new basis. The degree of comparability between the revised 1949 rates and those previously published is shown in the second column. Nonmanufacturing industry classifications, except for construction, are based on the 1942 edition of the Standard Industrial

Classification Manual. Construction industries conform to the 1949 edition. Although there were no changes in 1950 in industry definitions for nonmanufacturing, reclassification of individual reports resulted in changes in the injury rates for some industries.

³ Weighted average: rates for each industry were weighted by the estimated total current employment in that industry.

⁴ Change from previously published figure was less than 5 percent; rate may be considered reasonably comparable with those published previously.

⁵ New industry, comparable rates not available for earlier years.

⁶ Compiled by Bureau of Mines, U. S. Department of the Interior. Data for 1950 represent preliminary estimates based on an average of 80 percent coverage of all mining industries. Data for 1949 represent final averages for the year.

⁷ Data not available for all industries in group.



Section H: Building and Construction

In tables H-1 through H-8, the 1950 figures have been revised from those appearing in the 1950 Handbook, to incorporate data on additional public construction contracts and other data received after the 1950 Edition was published. The 1950 revisions include some cor-

rections, in addition to late returns. In general, if any revision was made in 1950 published data, the full 1950 series has been reproduced here, for convenient reference. Otherwise, the 1950 series published earlier are unchanged.

TABLE H-1: Expenditures for new construction, 1950-51

[In millions]

Type of construction	Expenditures				Type of construction	Expenditures				
	1950		1951			1950		1951		
	Current dollars	1947-49 dollars	Current dollars	1947-49 dollars		Current dollars	1947-49 dollars	Current dollars	1947-49 dollars	
Total new construction ¹	\$28,749	\$26,852	\$30,893	\$26,650	Private construction—Continued					
Private construction.....	21,610	20,020	21,684	18,586	All other private.....	\$112	\$101	\$64	\$54	
Residential building (nonfarm).....	12,600	11,634	10,973	9,457	Sewer and water.....	32	(2)	27	(2)	
New dwellings.....	11,525	(2)	9,849	(2)	All other ⁶	80	(2)	37	(2)	
Additions and alterations.....	900	(2)	934	(2)	Public construction.....	7,139	6,832	9,209	8,064	
Nonhousekeeping ²	175	(2)	190	(2)	Residential building ⁷	345	321	595	512	
Nonresidential building (nonfarm) ⁴	3,777	3,565	5,152	4,457	Nonresidential building.....	2,402	2,253	3,471	3,016	
Industrial.....	1,062	1,003	2,117	1,762	Industrial.....	224	211	958	795	
Commercial.....	1,288	1,224	1,371	1,224	Commercial.....	(8)	(8)	(8)	(8)	
Warehouse, office, and loft buildings.....	402	396	544	491	Public administration.....	174	(2)	183	(2)	
Stores, restaurants, and groceries.....	886	828	827	733	Educational.....	1,163	1,090	1,531	1,353	
Other nonresidential building.....	1,427	1,338	1,664	1,471	Social and recreational.....	143	(2)	99	(2)	
Religious.....	409	(2)	452	(2)	Hospital and institutional.....	476	447	498	440	
Educational.....	294	(2)	345	(2)	Miscellaneous.....	222	(2)	202	(2)	
Social and recreational.....	247	(2)	164	(2)	Military and naval facilities ⁹	177	171	887	780	
Hospital and institutional ⁵	344	(2)	419	(2)	Highway.....	2,381	2,451	2,400	2,201	
Miscellaneous.....	133	(2)	284	(2)	Federal ¹⁰	46	(2)	50	(2)	
Farm construction.....	1,791	1,719	1,800	1,567	State.....	1,497	(2)	1,475	(2)	
Operators' dwellings.....	837	809	850	749	County.....	412	(2)	425	(2)	
Service buildings.....	954	910	950	818	Municipal.....	426	(2)	450	(2)	
Public utility.....	3,330	3,001	3,695	3,051	Sewage disposal and water supply.....	671	599	706	597	
Railroad.....	315	299	399	360	Sewage disposal.....	389	(2)	420	(2)	
Local transit.....	40	(2)	40	(2)	Water supply.....	282	(2)	286	(2)	
Petroleum pipeline.....	165	(2)	175	(2)	Miscellaneous public service enterprises ¹¹	186	165	213	167	
Electric light and power.....	1,268	(2)	1,319	(2)	Conservation and development.....	881	786	860	726	
Gas.....	1,102	(2)	1,275	(2)	Bureau of Reclamation.....	255	(2)	207	(2)	
Manufactured.....	61	(2)	59	(2)	Corps of Engineers.....	538	(2)	488	(2)	
Natural.....	1,041	(2)	1,216	(2)	Tennessee Valley Authority.....	48	(2)	109	(2)	
Telephone.....	435	(2)	482	(2)	Other.....	40	(2)	56	(2)	
Telegraph.....	5	(2)	5	(2)	All other public ¹²	96	86	77	65	

¹ Includes major additions and alterations; excludes maintenance and repairs. For descriptions of general concepts, estimating techniques, and coverage of these data, see the text in the 1950 Edition of the Handbook of Labor Statistics; and the Bureau's pamphlet, Expenditures for New Construction, 1915-50, August 1951 (revision being prepared).

² Data unavailable separately; included in total.

³ Includes hotels, dormitories, clubhouses, and tourist courts and cabins.

⁴ Expenditures by privately owned public utilities for nonresidential building are included under "Public utility."

⁵ Includes Federal contributions toward construction of private non-profit hospital facilities under the National Hospital Program.

⁶ Covers roads, bridges, and miscellaneous nonbuilding items such as parks and playgrounds.

⁷ Includes nonhousekeeping residential construction as well as housekeeping units.

⁸ Less than \$500,000.

⁹ Covers all construction at military installations, nonbuilding as well as building (except for production facilities, which are included in public industrial construction).

¹⁰ Covers, primarily, roads in national parks and forests. Federal contributions to State and local programs are included in those categories which are shown below according to Government ownership.

¹¹ Covers, primarily, publicly owned airports, electric light and power systems, and local transit facilities.

¹² Covers public construction not elsewhere classified, such as parks, playgrounds, memorials, etc.

¹³ Covers sewer and water facilities, roads, bridges, and miscellaneous nonbuilding items such as parks and playgrounds.

¹⁴ These data reflect trends in construction activity resulting from other than purely seasonal influences. The effect of seasonal factors is eliminated by dividing the unadjusted monthly figures for each class of construction (see p. 64) by an appropriate seasonal index.

¹⁵ These data represent estimates of changes in the physical volume of construction placed by the device of expressing current estimates in constant (in this case, 1947-49) prices, thus eliminating changes in level brought about by changes in labor and material costs. This is done by adjusting the estimates in current dollars for each class of construction (see p. 64) by an appropriate construction cost index.

TABLE H-1: Expenditures for new construction, 1950-51—Continued

[In millions]

Type of construction	Current dollars 1950											
	Janu-	Febru-	March	April	May	June	July	Au-	Sep-	Oct-	Nov-	De-
	ary	ary						gust	tem-	ber	ber	cem-
Total new construction	\$1,761	\$1,668	\$1,831	\$2,074	\$2,353	\$2,650	\$2,788	\$2,909	\$2,937	\$2,848	\$2,634	\$2,296
Private construction	1,335	1,304	1,380	1,544	1,766	1,974	2,104	2,179	2,179	2,098	1,964	1,783
Residential building (nonfarm)	744	714	753	881	1,036	1,178	1,269	1,322	1,322	1,247	1,131	1,003
New dwellings	682	652	687	799	941	1,072	1,161	1,212	1,211	1,145	1,040	923
Additions and alterations	51	51	55	70	82	92	93	93	94	84	73	62
Nonhousekeeping	11	11	11	12	13	14	15	17	17	18	18	18
Nonresidential building (nonfarm) ⁴	257	252	249	249	274	305	324	333	354	382	403	395
Industrial	69	70	69	70	73	78	84	91	101	112	120	125
Commercial	79	77	77	77	92	110	116	114	121	136	149	140
Warehouse, office, and loft buildings	28	27	25	25	26	28	31	35	39	43	47	48
Stores, restaurants, and garages	51	50	52	52	66	82	85	79	82	93	102	92
Other nonresidential building	109	105	103	102	109	117	124	128	132	134	134	130
Religious	31	29	28	28	30	33	35	37	39	40	40	39
Educational	23	22	21	20	21	22	24	26	28	29	29	29
Social and recreational	20	18	17	17	19	21	23	24	23	23	22	20
Hospital and institutional ⁵	25	26	27	27	29	30	30	30	30	30	30	30
Miscellaneous	10	10	10	10	10	11	12	11	12	12	13	12
Farm construction	102	109	122	139	163	181	194	200	184	153	130	114
Operators' dwellings	46	50	56	65	77	86	92	95	87	71	60	52
Service buildings	56	59	66	74	86	95	102	105	97	82	70	62
Public utility	223	220	247	264	280	297	306	313	312	309	293	266
Railroad	23	16	22	24	26	26	28	29	29	32	32	28
Telephone and telegraph	29	31	38	34	39	39	39	40	39	39	38	35
Other	171	173	187	206	215	232	239	244	244	238	223	203
All other private ¹²	9	9	9	11	13	13	11	11	7	7	7	5
Public construction	426	364	451	530	587	676	684	730	758	750	670	513
Residential building ⁷	35	28	29	28	27	28	24	27	28	30	31	30
Nonresidential building	154	154	171	183	203	201	202	213	230	247	228	216
Industrial	7	7	12	13	17	17	18	19	23	31	29	31
Educational	80	79	84	87	91	95	98	103	109	115	112	110
Hospital and institutional	36	37	39	39	40	39	39	42	42	42	42	39
All other nonresidential	31	31	36	44	55	50	47	49	56	59	45	36
Military and naval facilities ⁹	10	8	8	9	8	9	10	16	21	28	26	24
Highway	103	64	114	166	191	269	277	299	303	268	224	103
Sewer and water	49	46	49	52	53	57	59	61	64	65	60	56
Miscellaneous public service enterprises ¹¹	12	9	11	13	15	16	17	20	20	21	19	13
Conservation and development	55	48	60	71	81	87	86	86	84	83	75	65
All other public ¹²	8	7	9	8	9	9	8	8	8	8	7	6
1951												
Total new construction ¹	\$2,161	\$2,034	\$2,257	\$2,448	\$2,649	\$2,807	\$2,870	\$2,927	\$2,901	\$2,849	\$2,624	\$2,366
Private construction	1,642	1,573	1,663	1,742	1,837	1,933	1,968	1,971	1,955	1,908	1,818	1,674
Residential building (nonfarm)	902	827	862	895	918	957	965	956	958	963	930	840
New dwellings	830	750	785	807	821	853	857	847	849	858	832	760
Additions and alterations	55	60	61	72	81	88	91	92	93	91	84	66
Nonhousekeeping	17	17	16	16	16	16	17	17	16	14	14	14
Nonresidential building (nonfarm) ⁴	378	384	399	410	440	465	471	465	460	440	425	415
Industrial	129	135	143	152	164	180	195	204	210	205	200	200
Commercial	122	121	127	126	131	131	121	108	101	95	96	92
Warehouse, office, and loft buildings	47	46	45	46	48	48	48	48	45	41	41	41
Stores, restaurants, and garages	75	75	82	80	83	83	73	60	56	54	55	51
Other nonresidential building	127	128	129	132	145	154	155	153	149	140	129	123
Religious	37	35	35	35	38	41	42	43	42	38	34	32
Educational	28	27	26	26	27	29	30	32	32	31	29	28
Social and recreational	19	18	16	15	15	15	14	13	12	10	9	8
Hospital and institutional ⁵	30	31	32	34	37	38	39	38	37	36	34	33
Miscellaneous	13	17	20	22	28	31	30	27	26	25	23	22
Farm construction	115	119	129	143	166	180	191	194	179	148	126	110
Operators' dwellings	53	55	60	67	79	86	91	93	86	70	59	51
Service buildings	62	64	69	76	87	94	100	101	93	78	67	59
Public utility	242	238	268	289	309	326	336	350	352	351	331	303
Railroad	26	22	28	28	33	36	35	38	35	40	41	37
Telephone and telegraph	36	35	41	39	41	42	41	43	43	44	42	40
Other	180	181	199	222	235	248	260	269	274	267	248	226
All other private ¹³	5	5	5	5	4	5	5	6	6	6	6	6
Public construction	519	461	594	706	812	874	902	956	946	941	806	692
Residential building ⁷	29	30	36	42	45	47	56	63	66	68	66	66
Nonresidential building	229	217	259	288	303	310	315	324	319	318	300	289
Industrial	38	36	55	71	78	83	93	104	103	105	97	95
Educational	112	112	120	125	128	130	133	134	136	136	134	131
Hospital and institutional	41	37	43	46	48	46	42	42	40	40	37	36
All other nonresidential	38	32	41	46	49	51	47	44	40	37	32	27
Military and naval facilities ⁹	30	34	52	66	68	74	83	93	96	103	100	88
Highway	94	65	107	154	225	265	282	314	303	293	187	111
Sewer and water	55	52	58	62	65	65	64	62	60	58	55	50
Miscellaneous public service enterprises ¹¹	13	9	15	17	22	23	23	21	20	15	12	12
Conservation and development	63	49	61	69	76	82	80	77	77	78	76	72
All other public ¹²	6	5	6	8	8	8	8	7	7	5	5	4

See footnotes on page 63.

TABLE H-1: Expenditures for new construction, 1950-51—Continued

[In millions]

Type of construction	Seasonally adjusted ¹⁴ 1950											
	January	February	March	April	May	June	July	August	September	October	November	December
Total new construction ¹	\$2,152	\$2,214	\$2,284	\$2,322	\$2,315	\$2,389	\$2,421	\$2,478	\$2,534	\$2,552	\$2,571	\$2,517
Private construction.....												
Residential building (nonfarm).....	1,566	1,665	1,669	1,713	1,756	1,808	1,873	1,909	1,930	1,931	1,905	1,885
New dwellings.....	874	962	963	1,000	1,026	1,072	1,124	1,151	1,161	1,134	1,078	1,055
Additions and alterations.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Nonhousekeeping ³	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Nonresidential building (nonfarm) ⁴	271	277	274	277	290	294	306	317	333	360	387	391
Industrial.....	66	70	73	76	78	81	88	95	100	106	112	117
Commercial.....	92	93	88	85	93	99	100	104	113	131	145	145
Warehouse, office, and loft buildings.....	30	31	28	27	27	28	29	32	36	41	44	49
Stores, restaurants, and garages.....	62	62	60	58	66	71	71	72	77	90	101	96
Other nonresidential building.....	113	114	113	116	119	114	118	118	120	123	130	129
Religious.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Educational.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Social and recreational.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hospital and institutional ⁵	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Miscellaneous.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Farm construction.....	137	141	144	147	149	151	153	154	154	154	154	153
Operators' dwellings.....												
Service buildings.....												
Public utility.....	272	275	278	278	278	280	281	277	276	276	279	280
Railroad.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Telephone and telegraph.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Other.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
All other private ¹³	12	10	10	11	13	11	9	10	6	7	7	6
Public construction.....												
Residential building ⁷	586	549	615	609	559	581	548	569	604	621	666	632
Residential building (nonfarm).....	39	31	31	29	26	27	23	24	25	28	31	31
Nonresidential building.....	175	183	182	183	197	191	180	188	209	231	240	243
Industrial.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Educational.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hospital and institutional.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
All other nonresidential.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Military and naval facilities ⁸	13	11	10	10	9	9	9	14	18	23	24	27
Highway.....	208	176	240	231	170	199	190	195	201	183	212	176
Sewer and water.....	58	60	56	54	51	52	49	52	56	59	62	62
Miscellaneous public service enterprises ¹¹	16	14	13	14	13	13	13	15	17	19	22	17
Conservation and development.....	67	64	73	80	85	82	77	74	71	71	68	69
All other public ¹²	10	10	10	8	8	8	7	7	7	7	7	7

See footnotes on page 63

TABLE H-1: Expenditures for new construction, 1950-51—Continued

[In millions]

Type of construction	1947-49 dollars ¹⁵ 1950											
	January	February	March	April	May	June	July	August	September	October	November	December
Total new construction ¹	\$1,725	\$1,624	\$1,781	\$2,014	\$2,243	\$2,509	\$2,595	\$2,662	\$2,670	\$2,592	\$2,387	\$2,050
Private construction.....												
Residential building (nonfarm).....	1,306	1,268	1,336	1,489	1,667	1,844	1,933	1,965	1,962	1,894	1,770	1,586
New dwellings.....	735	699	731	851	971	1,091	1,156	1,182	1,185	1,123	1,019	891
Additions and alterations.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Nonhousekeeping ³	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Nonresidential building (nonfarm) ⁴	249	245	243	242	264	291	307	310	328	353	372	361
Industrial.....	67	68	68	69	70	75	80	85	94	104	110	113
Commercial.....	77	75	75	75	89	106	111	107	113	127	139	130
Warehouse, office, and loft buildings.....	28	27	25	25	26	28	31	34	38	42	46	46
Stores, restaurants, and garages.....	49	48	50	50	63	78	80	73	75	85	93	84
Other nonresidential building.....	105	102	100	98	105	110	116	118	121	122	123	118
Religious.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Educational.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Social and recreational.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hospital and institutional ⁵	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Miscellaneous.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Farm construction.....	102	108	121	139	160	175	185	188	172	143	121	105
Operators' dwellings.....	47	50	56	66	76	83	88	89	82	67	57	48
Service buildings.....	55	58	65	73	84	92	97	99	90	76	64	57
Public utility.....	211	208	233	247	260	275	275	275	271	269	252	225
Railroad.....	22	16	22	23	25	25	26	27	27	30	30	26
Telegraph and telephone.....	28	29	36	32	36	36	35	36	34	35	34	31
Other.....	161	163	175	192	199	214	214	212	210	204	188	168
All other private ¹³	9	8	8	10	12	12	10	10	6	6	6	4
Public construction.....	419	356	445	525	576	665	662	697	708	698	617	464
Residential building ⁷	35	27	28	27	25	26	22	24	25	27	28	27
Nonresidential building.....	149	149	166	177	194	190	189	197	210	226	209	197
Industrial.....	7	7	12	13	16	16	17	18	21	29	27	28
Educational.....	77	76	81	84	87	90	92	95	100	105	103	100
Hospital and institutional.....	35	36	38	38	38	37	36	39	38	38	38	36
All other nonresidential.....	30	30	35	42	53	47	44	45	51	54	41	33
Military and naval facilities ⁹	10	8	9	8	9	9	10	15	20	27	25	22
Highway.....	109	68	123	180	205	286	290	308	302	265	216	99
Sewer and water.....	46	43	46	48	48	52	52	53	55	56	52	48
Miscellaneous public service enterprises ¹¹	11	9	10	12	14	15	15	18	17	18	16	10
Conservation and development.....	51	45	56	65	74	79	76	75	72	72	65	56
All other public ¹²	8	7	8	7	8	8	8	7	7	7	6	5
1951												
Total new construction ¹	\$1,907	\$1,775	\$1,968	\$2,130	\$2,297	\$2,426	\$2,474	\$2,521	\$2,486	\$2,427	\$2,231	\$2,008
Private construction.....												
Residential building (nonfarm).....	1,443	1,367	1,443	1,505	1,579	1,656	1,683	1,685	1,662	1,611	1,536	1,416
New dwellings.....	791	717	746	774	790	824	833	825	822	793	720	
Additions and alterations.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)	(2)	(2)	(2)	(2)
Nonhousekeeping ³	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Nonresidential building (nonfarm) ⁴	339	342	354	361	384	403	404	398	392	371	359	350
Industrial.....	114	117	123	129	138	150	161	168	172	166	162	162
Commercial.....	111	110	115	114	117	117	107	96	89	83	84	81
Warehouse, office, and loft buildings.....	44	43	42	42	43	43	43	43	40	36	36	36
Stores, restaurants, and garages.....	67	67	73	72	74	74	64	53	49	47	48	45
Other nonresidential building.....	114	115	116	118	129	136	136	134	131	122	113	107
Religious.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Educational.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Social and recreational.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Hospital and institutional ⁵	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Miscellaneous.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Farm construction.....	104	106	115	127	146	157	165	168	154	125	107	93
Operators' dwellings.....	48	49	54	60	70	76	80	82	75	60	51	44
Service buildings.....	56	57	61	67	76	81	85	86	79	65	56	49
Public utility.....	204	198	224	239	255	268	277	289	289	288	272	248
Railroad.....	24	20	26	25	30	33	32	34	31	36	36	33
Telephone and telegraph.....	32	31	36	34	36	36	36	37	37	38	36	34
Other.....	148	147	162	180	189	199	209	218	221	214	200	181
All other private ¹³	5	4	4	4	4	4	4	5	5	5	5	5
Public construction.....	464	408	525	625	718	770	791	836	824	816	695	592
Residential building ⁷	25	26	31	36	39	41	41	48	54	56	58	57
Nonresidential building.....	206	193	229	255	266	270	272	280	273	271	256	245
Industrial.....	34	31	47	61	65	69	77	86	84	85	79	77
Educational.....	101	100	107	112	114	115	117	118	119	119	117	114
Hospital and institutional.....	37	33	38	41	43	41	37	37	35	35	32	31
All other nonresidential.....	34	29	37	41	44	45	41	39	35	32	28	23
Military and naval facilities ⁹	28	31	47	59	61	65	73	81	84	89	86	76
Highway.....	89	61	100	144	209	245	259	286	274	265	169	100
Sewer and water.....	47	44	49	53	55	55	54	52	51	49	46	42
Miscellaneous public service enterprises ¹¹	10	7	12	13	17	18	18	18	17	16	12	9
Conservation and development.....	54	42	52	58	64	69	67	65	65	66	64	60
All other public ¹²	5	4	5	7	7	7	7	6	6	4	4	3

See footnotes on page 63.

TABLE H-2: Expenditures for new public construction, by source of funds, 1950-51¹

[In millions]

Period	Source of funds											
	Federal Government ²							State and local government ³				
	Total	Residential building	Nonresidential building	Military and naval facilities	Highways	Conservation and development	All other ⁴	Total	Residential building	Nonresidential building	Highways	All other ⁴
1950-----	\$2,088	\$15	\$541	\$177	\$441	\$881	\$33	\$5,051	\$330	\$1,861	\$1,940	\$920
1951-----	3,466	10	1,233	887	445	860	31	5,743	585	2,238	1,955	965

¹ For descriptions of general concepts, estimating techniques, and coverage of these data, see the footnotes accompanying table H-1, immediately preceding; the text in the 1950 Edition of the Handbook of Labor Statistics; and the Bureau's pamphlet, Expenditures for New Construction, 1915-50, August 1951 (revision being prepared).

² Covers expenditures for federally owned construction, and also Federal grants to State and local governments for construction under Federal-aid programs. Excludes Federal grants to private nonprofit institutions for construction under the National Hospital Program, in approximately

the following amounts: \$44 million in 1950 and \$55 million in 1951. Excludes Federal loans to non-Federal agencies for construction purposes.

³ Covers construction financed wholly by State and local governments, and also State and local contributions for construction under Federal-aid programs.

⁴ Covers airports, sewage disposal and water supply systems, publicly owned utilities, and miscellaneous public construction not elsewhere classified.

TABLE H-3: Estimated number of workers required to put in place the current volume of new construction, 1950-51¹

[In thousands]

Type of construction	Average monthly number of workers									
	1950					1951				
	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Year
Total new construction ² -----										
Off site-----	2,500	3,100	3,600	3,100	3,075	2,595	2,935	3,135	2,830	2,875
On site-----	300	370	430	380	370	315	345	370	345	345
Private construction (on site)-----										
Building (nonfarm)-----	1,750	2,140	2,500	2,145	2,130	1,805	1,925	2,005	1,830	1,890
Residential-----	1,250	1,505	1,800	1,582	1,532	1,320	1,335	1,350	1,270	1,317
Nonresidential ³ -----	930	1,185	1,428	1,170	1,175	914	909	919	877	903
Industrial-----	320	320	372	412	357	406	426	431	393	414
Commercial-----	73	70	83	103	82	119	136	161	161	144
Educational and hospital-----	108	118	141	163	133	144	141	116	100	125
Other-----	57	55	59	59	58	59	60	64	59	61
Farm-----	82	77	89	87	84	84	89	90	73	84
Public utilities-----	170	241	281	192	220	172	215	236	164	197
Railroads-----	318	379	408	364	367	307	370	413	390	370
Telephone and telegraph-----	38	43	47	48	44	40	48	52	56	49
All other-----	50	55	55	49	52	49	51	52	52	51
All other private ⁴ -----	230	281	306	267	271	218	271	309	282	270
12	15	11	7	11	6	5	6	6	6	6
Public construction (on site)-----										
Building-----	450	590	670	575	575	475	665	760	655	640
Residential-----	230	250	255	260	250	260	308	325	316	303
Nonresidential-----	39	35	30	32	35	32	40	50	59	45
Industrial-----	191	215	225	228	215	228	268	275	257	258
Educational-----	6	11	13	20	12	29	52	68	66	54
Hospital-----	97	100	110	115	105	116	120	124	123	121
Other-----	45	43	43	41	43	41	44	38	35	40
Conservation and development-----	43	61	59	52	55	42	52	45	33	43
Highways-----	39	56	58	50	50	37	48	50	47	46
Military and naval-----	83	184	246	157	170	70	162	224	146	151
Water and sewer-----	9	7	13	21	12	31	52	70	73	56
Miscellaneous public service enterprises-----	63	65	67	60	63	56	63	60	52	58
All other public-----	15	17	22	20	20	15	24	24	16	19
11	11	9	7	10	6	8	7	5	5	7

¹ These estimates are designed to measure the number of workers required to put in place the dollar volume of construction under way during the given period of time assuming they worked the average monthly hours prevailing during the period. They cover all workers engaged at the site of new construction and also employees in yards, shops, and offices whose time is chargeable to new construction operations. Consequently, the estimates include not only construction employees of establishments primarily engaged in new construction, but also self-employed persons,

working proprietors, and employees of nonconstruction establishments who are engaged in new construction work. They do not cover persons engaged in construction repairs and maintenance.

² Includes major additions and alterations.

³ Workers employed by privately owned public utilities for nonresidential building are included under "Public utilities."

⁴ Covers privately owned sewer and water facilities, roads, bridges, and miscellaneous nonbuilding items such as parks and playgrounds.

H: BUILDING AND CONSTRUCTION

TABLE H-4: Value of Federal contract awards for new construction, by type of project, 1950-51¹

[In thousands]

Period	Total new con- struction ²	Airfields ³	Building construction									
			Total	Residen- tial	Nonresidential						Airfield buildings ⁴	
					Total	Educa- tional ⁵	Hospital and institu- tional	Adminis- trative and general ⁶	Total			
1950	\$2,805,214	\$58,183	\$1,369,617	\$15,445	\$1,354,172	\$3,123	\$396,086	\$58,794	\$896,169	\$32,450		
1951	4,201,939	278,630	2,179,280	8,966	2,170,314	60,570	305,787	57,146	1,746,811	91,911		
1950: January	129,436	4,827	48,389	213	48,176	144	28,528	13,261	6,243	971		
February	119,151	2,533	38,068	127	37,041	138	32,092	1,259	4,452	329		
March	234,106	8,716	51,502	1,059	50,443	20	23,230	3,459	23,734	339		
April	172,077	7,341	66,937	3,453	63,484	70	40,393	2,585	20,436	2,117		
May	227,484	4,213	62,983	1,605	61,378	(10)	34,468	2,537	24,373	1,660		
June	392,940	5,555	180,824	5,847	174,977	1,923	68,485	25,880	78,689	12,629		
July	166,350	8,260	61,273	634	60,639	616	44,237	2,217	13,569	849		
August	181,832	5,713	69,557	60	69,497	174	29,090	1,849	38,384	997		
September	192,102	2,925	93,387	1,284	92,103	(10)	36,177	1,650	54,276	753		
October	241,868	4,321	146,826	200	146,626	19	20,323	1,234	125,050	8,781		
November	166,702	2,694	46,966	233	46,733	2	23,163	1,853	21,715	1,960		
December	581,166	1,085	502,905	730	502,175	17	15,900	1,010	485,248	1,056		
1951: January	423,739	10,190	113,765	929	112,836	96	15,203	970	96,567	524		
February	222,595	10,719	106,812	985	105,827	264	15,532	10,103	79,928	2,204		
March	442,164	7,707	288,880	39	288,841	179	56,594	9,082	222,986	6,256		
April	327,655	17,716	133,933	3,008	130,925	1,653	35,759	3,039	90,474	5,900		
May	674,596	39,349	509,105	1,939	507,166	1,726	23,438	2,034	479,968	9,942		
June	639,451	91,849	339,054	748	338,306	2,225	53,883	7,675	274,568	21,251		
July	337,685	48,427	165,801	611	165,190	6,909	15,843	1,116	141,322	13,137		
August	281,797	15,535	151,381	64	151,317	8,038	23,825	2,807	116,647	15,685		
September	264,023	14,532	109,893	179	109,714	9,723	29,634	15,673	54,684	11,013		
October	189,117	9,096	72,709	46	72,663	12,229	14,601	1,812	44,021	3,903		
November	190,610	10,170	72,316	112	72,204	9,825	10,867	1,265	50,247	309		
December	208,507	3,340	115,631	306	115,325	7,703	10,653	1,570	95,399	1,787		
Period	Building construction—Continued				Conservation and development				All other ⁹			
	Nonresidential—Continued				Total	Recla- mation	River, harbor, and flood control	Highways				
	Other nonresidential—Continued											
	Indus- trial ⁷	Troop housing	Ware- houses	Miscella- neous ⁸								
1950	\$745,037	\$2,589	\$45,437	\$70,656	\$321,458	\$81,768	\$239,690	\$836,015	\$156,981	\$62,960		
1951	892,384	225,909	75,824	460,783	396,841	86,928	309,913	850,946	281,251	214,991		
1950: January	3,898	3	30	1,341	23,840	15,686	8,154	41,027	3,934	7,419		
February	2,046	(10)	102	1,975	25,052	2,186	22,866	42,357	5,748	5,393		
March	1,071	(10)	21,094	1,230	36,618	2,899	33,719	61,032	71,370	4,868		
April	14,643	1,251	73	2,352	18,424	634	17,790	63,462	4,945	10,968		
May	13,897	(10)	217	8,599	66,543	6,127	60,416	80,934	8,493	4,318		
June	48,949	6	1,186	15,919	62,194	25,312	36,882	111,416	26,765	6,186		
July	8,051	(10)	246	4,423	10,987	7,559	3,428	77,973	5,295	2,562		
August	3,679	(10)	22,177	11,531	8,446	821	7,625	83,579	8,939	5,598		
September	48,668	(10)	57	4,798	12,581	6,084	6,497	73,917	4,301	4,991		
October	111,840	(10)	38	4,391	17,724	11,565	6,159	55,679	12,885	4,433		
November	16,103	320	47	3,276	30,966	217	30,749	81,142	3,103	1,831		
December	472,192	1,009	170	10,821	8,083	2,678	5,405	63,497	1,203	4,393		
1951: January	32,318	1,350	287	62,088	48,066	41,067	6,999	75,549	170,507	5,662		
February	33,628	5,251	647	38,198	21,933	960	20,973	59,110	11,248	12,773		
March	164,751	13,298	1,759	36,922	31,395	949	30,446	71,280	21,584	21,318		
April	21,179	11,969	7,483	43,943	99,132	8,422	90,710	58,289	8,382	10,203		
May	347,357	40,105	8,344	74,220	39,638	3,603	36,035	62,755	9,519	14,230		
June	81,244	86,600	18,908	66,565	28,087	7,677	20,410	98,564	24,889	57,008		
July	71,731	9,498	7,880	39,076	9,551	5,204	4,347	77,090	13,932	22,884		
August	47,006	5,633	3,229	45,094	9,816	1,953	7,863	91,588	2,730	10,747		
September	22,033	3,055	3,156	15,427	47,493	6,409	41,084	68,419	5,671	18,015		
October	10,890	1,201	4,850	23,177	19,429	6,244	13,185	65,375	3,614	18,894		
November	27,973	656	12,547	8,762	28,449	2,017	26,432	69,554	2,711	7,410		
December	32,274	47,293	6,734	7,311	13,852	2,423	11,429	53,373	6,464	15,847		

¹ Excludes classified military projects. Data for Federal-aid programs cover amounts contributed both by the owner and the Federal Government. Force-account work is done, not through a contractor, but directly by a Government agency, using a separate work force to perform nonmaintenance construction on the agency's own properties.

² Includes major additions and alterations.

³ Excludes hangars and other buildings, which are included under "Other nonresidential" building construction.

⁴ Includes projects under the Federal school construction program, which provides aid for areas affected by Federal Government activities.

⁵ Includes post offices, armories, offices, and customhouses.

⁶ Includes all buildings on civilian airports and military airfields and air bases with the exception of barracks and other troop housing which are included under "Troop housing."

⁷ Covers all industrial plants under Federal Government ownership, including those which are privately operated.

⁸ Includes types of buildings not elsewhere classified.

⁹ Includes sewer and water projects, railroad construction, and other types of projects not elsewhere classified.

¹⁰ Less than \$500.

TABLE H-5: Value of Federal contract awards for new construction, by type of project, and by State, 1950-51¹

[In millions]¹

State	Value												
	1950												
	All types of con- struction ²	Building					High- ways	Conser- vation and de- velop- ment	Air- fields ⁴	Elec- trifica- tion	All other ⁵		
		Total	Resi- dential	Nonresidential									
Total	\$2,805.2	\$1,369.6	\$15.4	\$1,354.2	\$2.6	\$396.1	\$745.0	\$210.5	\$836.0	\$321.5	\$58.2	\$157.0	\$63.0
Alabama	66.7	14.3	(6)	14.3	(6)	9.7	(6)	4.6	12.4	.4	.6	38.4	.6
Arizona	15.7	.6	(6)	.6	(6)	.2	(6)	.4	9.2	2.9	.5	1.6	.9
Arkansas	69.6	38.6	(6)	38.6	(6)	6.7	30.8	1.0	13.0	12.6	.4	4.7	.3
California	137.9	36.8	1.6	35.3	(6)	13.6	10.1	11.5	39.8	44.6	6.2	3.3	7.3
Colorado	28.3	2.6	.1	2.5	(6)	.2	.1	2.1	13.7	9.7	.3	1.9	.2
Connecticut	30.7	20.1	(6)	20.1	(6)	16.2	1.0	2.8	9.1	.5	.9	(6)	(6)
Delaware	9.1	.9	(6)	.9	(6)	.8	(6)	.1	7.5	.6	.1	(6)	(6)
District of Columbia	10.9	7.6	.1	7.5	(6)	2.2	.6	4.7	1.6	.5	(6)	.1	1.0
Florida	37.0	9.0	.1	8.9	(6)	5.0	.5	3.4	18.2	5.6	1.0	.1	3.0
Georgia	35.3	12.0	(6)	12.0	.3	8.7	(6)	3.0	19.6	2.0	1.2	(6)	.4
Idaho	17.3	3.3	(6)	3.3	(6)	(6)	3.0	.3	8.4	4.5	.2	.8	.1
Illinois	84.1	48.1	1.0	47.1	(6)	18.2	14.8	14.2	24.2	8.6	2.7	(6)	.4
Indiana	24.3	6.4	(6)	6.4	(6)	4.1	(6)	2.4	14.7	2.2	.9	(6)	.1
Iowa	41.5	16.0	(6)	16.0	(6)	7.5	(6)	8.6	22.3	2.4	.8	(6)	(6)
Kansas	26.8	6.3	(6)	6.2	(6)	1.6	(6)	4.6	17.4	1.4	.4	(6)	1.3
Kentucky	386.6	356.8	.1	356.8	(6)	4.9	350.6	1.3	16.5	9.0	.1	4.1	(6)
Louisiana	38.5	4.3	(6)	4.3	(6)	1.6	(6)	2.7	15.1	17.2	.1	.1	1.6
Maine	15.2	6.2	(6)	6.2	(6)	4.4	1.4	.4	6.5	.6	.2	(6)	1.7
Maryland	37.8	28.7	.1	28.5	(6)	9.1	14.6	4.8	6.9	1.4	.1	(6)	.7
Massachusetts	70.1	25.0	(6)	25.0	(6)	20.1	(6)	4.9	38.8	2.3	3.7	(6)	.2
Michigan	39.3	11.9	.1	11.9	(6)	10.7	(6)	1.1	23.0	2.1	1.8	(6)	.4
Minnesota	42.7	15.1	(6)	15.0	(6)	10.4	.2	4.4	18.9	6.7	1.7	(6)	.3
Mississippi	34.0	15.7	(6)	15.7	(6)	9.1	(6)	6.6	9.2	4.9	.2	4.0	.1
Missouri	50.2	25.7	(6)	25.7	(6)	23.5	(6)	2.2	13.5	8.2	2.3	(6)	.5
Montana	19.8	1.9	.2	1.7	(6)	.6	(6)	1.1	10.9	5.9	.3	.8	(6)
Nebraska	39.2	15.0	.2	14.8	(6)	1.6	(6)	13.2	12.9	7.0	.5	.9	2.9
Nevada	8.8	.7	.1	.7	(6)	.5	(6)	.1	5.7	.1	.3	1.8	.2
New Hampshire	6.5	2.3	(6)	2.3	(6)	2.1	.1	.1	4.1	(6)	(6)	(6)	(6)
New Jersey	37.1	14.9	1.5	13.4	(6)	7.7	4.4	1.3	13.2	2.1	6.0	.2	.7
New Mexico	67.8	47.9	4.8	43.1	(6)	2.0	38.6	2.6	15.1	2.5	.3	.7	1.3
New York	124.1	50.9	.1	50.8	(6)	13.4	5.8	31.6	60.7	7.5	1.6	.1	3.3
North Carolina	60.4	36.1	(6)	36.1	(6)	32.8	(6)	3.3	23.0	.3	.6	.1	.2
North Dakota	30.3	3.3	(6)	3.3	(6)	.8	(6)	2.4	10.4	10.3	.2	6.2	(6)
Ohio	90.6	36.6	(6)	36.6	(6)	23.6	4.3	8.7	48.8	2.7	.9	.1	1.5
Oklahoma	52.2	14.8	.1	14.7	(6)	13.3	.1	1.3	29.8	2.7	.6	2.7	1.5
Oregon	58.9	8.7	(6)	8.6	(6)	7.0	(6)	1.6	13.8	22.6	1.1	1.9	10.9
Pennsylvania	90.2	42.9	(6)	42.9	(6)	30.3	.2	12.5	40.9	2.0	2.3	.1	1.9
Rhode Island	17.5	6.4	(6)	6.4	(6)	4.2	(6)	2.2	9.2	.4	1.2	(6)	.2
South Carolina	206.0	188.9	(6)	188.8	.2	6.8	180.0	1.9	7.6	2.1	.3	7.1	.1
South Dakota	32.7	6.2	(6)	6.2	(6)	1.4	(6)	4.8	12.0	11.7	1.4	.2	1.2
Tennessee	151.0	55.3	.3	55.0	(6)	7.2	45.7	2.1	15.8	10.8	.9	67.6	.6
Texas	112.1	29.2	.2	29.0	.4	20.6	(6)	8.0	47.1	23.8	5.1	.2	6.8
Utah	19.8	11.3	.6	10.7	(6)	8.3	(6)	2.3	5.8	1.4	.2	.1	1.1
Vermont	3.4	.4	(6)	.4	(6)	.2	(6)	.2	2.8	(6)	.1	(6)	(6)
Virginia	50.5	18.1	1.4	16.7	.6	7.6	4.2	4.2	17.6	5.3	2.8	4.3	2.4
Washington	122.6	50.4	2.7	47.8	.2	3.3	33.7	10.6	18.4	45.1	2.7	1.8	4.1
West Virginia	12.8	4.2	(6)	4.2	(6)	3.5	.1	.5	6.8	.2	.9	(6)	.6
Wisconsin	29.0	10.2	(6)	10.2	.8	7.9	(6)	1.4	17.6	.1	1.2	(6)	(6)
Wyoming	12.8	1.0	(6)	1.0	(6)	.8	(6)	.2	6.5	4.2	.1	.9	.1

See footnotes at end of table.

TABLE H-5: Value of Federal contract awards for new construction, by type of project, and by State, 1950-51¹—Continued

[In millions]²

State	Value												
	1951												
	All types of construction ²	Building						Highways	Conservation and development	Airfields ⁴	Electrification	All other ⁵	
		Total	Residential	Total	Troop housing	Hospital and institutional	Industrial ³						
Total	\$4,201.9	\$2,179.3	\$9.0	\$2,170.3	\$225.9	\$305.8	\$892.4	\$746.2	\$850.9	\$396.8	\$278.6	\$281.3	\$215.0
Alabama	94.5	35.3	(6)	35.3	.9	1.1	21.1	12.2	13.6	12.3	.3	32.7	.3
Arizona	47.8	22.2	.2	22.0	(6)	5.0	(6)	17.0	7.6	6.6	6.2	.7	4.5
Arkansas	37.4	17.9	(6)	17.9	(6)	11.8	3.2	2.9	12.3	6.2	.2	.8	.1
California	444.2	233.4	3.5	229.9	40.9	22.9	78.1	88.0	62.5	67.0	45.9	6.1	29.3
Colorado	37.4	9.2	(6)	9.2	(6)	.8	5	7.9	9.8	8.3	.8	8.3	.9
Connecticut	15.7	7.2	.1	7.2	(6)	4.3	2.0	.8	8.1	.2	.1	(6)	.1
Delaware	6.4	2.4	(6)	2.4	(6)	.9	(6)	1.5	1.4	.3	1.4	(6)	.9
District of Columbia	26.8	18.1	(6)	18.1	(6)	8.1	2.1	7.9	1.3	.1	(6)	.4	6.8
Florida	92.6	17.8	(6)	17.8	1.5	3.8	2.6	9.9	18.0	13.8	30.4	2.2	10.4
Georgia	51.8	20.1	(6)	20.1	.4	7.3	(6)	12.4	17.6	3.8	6.3	.2	3.8
Idaho	35.4	23.3	.2	23.1	(6)	7	20.6	1.9	8.1	2.8	.1	.2	.9
Illinois	136.5	70.5	.1	70.4	10.2	20.3	7.0	32.9	53.7	4.7	4.8	.3	2.5
Indiana	69.3	46.8	(6)	46.8	(6)	10.4	.1	36.3	16.6	1.8	.1	(6)	4.0
Iowa	25.9	8.2	(6)	8.2	(6)	4.0	(6)	4.2	16.3	.8	.5	(6)	.2
Kansas	77.2	39.8	(6)	39.8	6.0	4.9	2.2	26.7	18.3	4.2	10.2	.2	4.5
Kentucky	170.5	70.9	(6)	70.9	46.4	2.9	13.6	7.9	11.2	1.3	1.4	85.5	.2
Louisiana	65.2	15.5	.1	15.5	2.4	3.5	3.7	5.9	21.3	11.0	12.1	.1	5.2
Maine	56.8	24.6	(6)	24.6	9.9	.8	2.4	11.5	7.0	.2	17.0	(6)	7.9
Maryland	111.4	92.8	.2	92.6	11.4	5.7	25.9	49.7	11.7	.7	1.4	.2	4.6
Massachusetts	59.0	36.7	(6)	36.7	.9	26.4	1.7	7.8	8.6	2.5	8.4	.1	2.5
Michigan	105.4	72.6	(6)	72.6	(6)	2.7	56.8	13.0	27.5	.6	3.0	.3	1.4
Minnesota	48.0	19.3	(6)	19.3	(6)	16.4	(6)	2.9	19.4	2.6	4.5	(6)	2.2
Mississippi	51.4	24.9	(6)	24.9	16.8	.5	1.6	6.0	17.0	.7	.6	.6	.6
Missouri	44.3	8.4	(6)	8.4	(6)	2.1	.1	6.2	23.8	9.2	.1	(6)	2.8
Montana	26.7	2.2	(6)	2.2	1.3	.6	(6)	.2	16.1	.5	2.6	4.3	1.0
Nebraska	34.1	13.7	(6)	13.7	1.1	.9	(6)	11.8	15.1	4.4	.1	(6)	.7
Nevada	16.2	8.7	(6)	8.7	(6)	.1	6.2	2.4	4.1	(6)	2.1	.4	.8
New Hampshire	4.9	.3	(6)	.3	(6)	.1	(6)	.2	4.4	(6)	.1	.1	.1
New Jersey	61.6	31.5	.4	31.1	5.3	16.5	1.5	7.8	20.8	3.9	1.3	.1	4.1
New Mexico	74.3	53.6	.1	53.6	5.6	5.8	33.6	8.6	8.8	1.3	6.8	1.1	2.7
New York	183.1	109.6	2.2	107.4	(6)	29.4	37.7	40.3	48.4	5.2	14.2	.5	5.3
North Carolina	53.6	21.9	(6)	21.8	1.1	16.3	.1	4.3	14.3	.7	10.3	.2	6.3
North Dakota	34.7	.5	(6)	.5	(6)	.2	(6)	.3	15.2	18.3	.1	.4	.2
Ohio	90.8	44.4	(6)	44.4	.3	13.2	3.9	27.0	27.5	.6	10.9	.2	7.2
Oklahoma	32.3	12.4	(6)	12.4	(6)	5.3	.2	7.0	13.2	1.6	1.4	2.3	1.4
Oregon	98.5	2.0	(6)	1.9	(6)	1.0	(6)	1.0	27.6	60.6	.4	4.5	3.5
Pennsylvania	99.7	35.7	.1	35.7	1.6	8.1	6.9	19.0	41.9	9.5	5.4	.4	6.8
Rhode Island	10.8	2.7	.2	2.5	(6)	(6)	(6)	2.5	2.7	1.6	2.8	.1	.8
South Carolina	507.6	486.9	(6)	486.9	1.6	4.1	476.2	5.0	11.5	1.9	3.0	.4	4.0
South Dakota	71.6	12.5	(6)	12.4	3.4	2.4	.5	6.0	13.2	17.2	2.0	17.8	9.0
Tennessee	252.1	79.7	(6)	79.7	5.4	9.2	32.2	32.9	14.2	47.5	7.5	92.8	10.4
Texas	228.3	129.9	.2	129.7	40.3	11.4	6.6	71.4	45.5	19.1	15.0	2.9	15.8
Utah	33.4	20.2	(6)	20.2	(6)	.8	.5	18.9	9.1	(6)	.3	.3	3.4
Vermont	5.3	.8	(6)	.8	(6)	.1	.1	.7	2.0	.3	1.8	(6)	.3
Virginia	149.5	77.4	.1	77.3	5.2	2.0	6.4	63.6	27.5	5.0	19.9	2.9	16.9
Washington	148.3	66.2	1.1	65.1	5.8	2.1	32.1	25.1	20.6	26.0	12.4	7.1	16.1
West Virginia	17.3	8.7	(6)	8.7	(6)	6.2	2.3	.2	7.5	.8	.3	(6)	(6)
Wisconsin	38.9	18.1	(6)	18.1	(6)	2.5	(6)	15.6	17.7	(6)	1.8	(6)	1.2
Wyoming	17.6	1.6	(6)	1.6	(6)	.5	(6)	1.1	9.3	2.3	.3	3.7	.4

¹ See footnote 1, table H-4.

² Includes major additions and alterations.

³ Covers all industrial plants under Federal Government ownership, including those which are privately operated.

⁴ Excludes hangars and other buildings, which are included under "Other nonresidential" building construction.

⁵ Includes sewer and water projects, railroad construction, and other types of projects not elsewhere classified.

⁶ Less than \$50,000.

NOTE: Components may not add to totals because of rounding.

TABLE H-6: Urban building authorized, by ownership and by class of construction, 1950-51¹

[In thousands]

Period	Valuation											
	Total						Non-Federal ²					
	All building construction	New residential building			New non-residential building	Additions, alterations, and repairs	All building construction	New residential building			New non-residential building	Additions, alterations, and repairs
		Total	House-keeping	Non-house-keeping				Total	House-keeping	Non-house-keeping		
1950	\$10,480,350	\$6,231,417	\$6,146,913	\$84,504	\$3,156,475	\$1,092,458	\$9,731,077	\$5,903,864	\$5,819,360	\$84,504	\$2,769,100	\$1,058,113
1951	8,895,430	4,992,620	4,955,154	37,466	2,807,359	1,095,451	7,901,374	4,412,987	4,375,519	37,466	2,460,443	1,027,944
1950: January	580,067	331,519	329,098	2,421	182,548	66,000	531,563	323,122	320,701	2,421	143,363	65,078
February	578,382	361,398	358,426	2,972	156,645	60,340	550,231	359,892	356,921	2,972	131,015	59,324
March	857,263	562,176	553,158	9,018	209,258	85,829	832,655	553,190	544,172	9,018	195,009	84,457
April	923,165	599,362	594,637	4,725	235,746	88,057	870,125	584,879	580,154	4,725	200,296	84,950
May	1,058,619	694,287	672,103	22,184	263,306	101,026	996,809	667,014	644,830	22,184	230,090	99,704
June	1,048,661	625,467	620,374	5,093	309,506	113,688	951,818	619,418	614,325	5,093	226,577	105,823
July	1,066,871	640,605	632,670	7,935	314,132	112,134	975,604	598,369	590,434	7,935	271,221	106,014
August	1,102,748	650,625	641,928	8,697	336,687	115,437	1,037,675	615,661	606,965	8,697	310,122	111,891
September	850,843	484,947	478,357	6,590	266,204	99,692	779,669	447,049	440,458	6,590	234,753	97,867
October	868,622	446,176	441,771	4,406	329,242	93,203	829,713	432,484	428,079	4,406	306,465	90,764
November	730,665	387,078	381,532	5,546	262,087	81,500	670,525	349,432	343,886	5,546	241,515	79,578
December	814,444	447,777	442,860	4,918	291,115	75,551	704,689	353,354	348,437	4,918	278,673	72,663
1951: January	795,844	419,161	416,038	3,123	275,409	101,274	738,657	389,079	385,956	3,123	256,056	93,522
February	627,206	369,796	368,544	1,252	182,017	75,393	555,959	331,494	330,242	1,252	157,226	67,239
March	822,674	446,077	442,995	3,082	283,834	92,763	721,713	410,101	407,019	3,082	223,226	88,385
April	802,326	465,821	462,475	3,346	245,741	90,764	711,262	425,793	422,447	3,346	201,265	84,203
May	845,138	489,361	487,884	1,477	251,507	104,270	778,260	459,398	457,921	1,477	224,586	94,276
June	1,026,579	690,824	689,370	1,454	235,856	99,900	674,222	389,641	388,187	1,454	190,704	93,876
July	733,378	377,679	373,993	3,685	246,541	109,159	660,140	347,679	343,994	3,685	215,455	97,005
August	781,644	405,077	400,977	4,100	272,987	103,581	737,900	389,239	385,139	4,100	248,122	100,539
September	838,035	460,167	452,483	7,684	282,659	95,209	792,595	443,552	435,867	7,684	254,736	94,307
October	651,679	358,997	354,117	4,880	196,589	96,092	619,948	349,209	344,329	4,880	178,210	92,530
November	641,096	287,651	285,281	2,369	186,187	67,258	505,123	266,459	264,090	2,369	173,754	64,911
December	429,830	222,011	220,997	1,014	148,031	59,788	405,595	211,342	210,328	1,014	137,103	57,150

¹ Includes value of Federal construction contracts awarded and estimates for building to be started in urban places which do not issue permits. Sums of components do not always equal totals exactly because of rounding. See statement on p. 200 of 1950 edition for sources and scope of urban estimates and definition of urban.

² In general, this category includes private and State and local government construction. However, for consistency in handling public housing, all publicly built housing projects, whether State, locally, or federally built, are classified as Federal construction.

TABLE H-7: Urban building authorized, by ownership, by class of construction, and by State, 1950-51¹

[In thousands]

State (urban areas)	Valuation							
	All classes		New residential ²		New nonresidential		Additions, alterations, and repairs	
	Total	Non-Federal ³	Total	Non-Federal ³	Total	Non-Federal ³	Total	Non-Federal ³
1950								
Total urban.....	\$10,480,350	\$9,731,077	\$6,231,417	\$5,903,864	\$3,156,475	\$2,769,100	\$1,092,458	\$1,058,113
Alabama.....	134,021	114,042	78,091	67,451	44,752	35,857	11,178	10,734
Arizona.....	36,689	36,646	17,623	17,623	13,787	13,787	5,279	5,235
Arkansas.....	72,995	59,421	39,209	33,027	25,357	18,705	8,429	7,688
California.....	1,340,267	1,319,747	827,138	819,396	366,307	356,469	146,822	143,883
Colorado.....	117,786	113,115	78,830	75,006	26,477	25,822	12,480	12,287
Connecticut.....	172,860	121,396	101,555	66,961	55,830	39,114	15,476	15,321
Delaware.....	12,692	12,357	4,690	4,690	4,597	4,318	3,406	3,350
District of Columbia.....	59,194	52,526	30,987	30,987	15,910	11,993	12,297	9,547
Florida.....	345,497	330,496	238,698	229,251	67,622	62,525	39,177	38,720
Georgia.....	146,972	127,178	79,756	67,553	51,756	44,501	15,460	15,124
Idaho.....	44,164	43,591	26,436	25,932	13,664	13,664	4,063	3,994
Illinois.....	661,449	636,333	404,626	398,785	202,461	184,727	54,362	52,821
Indiana.....	180,587	177,953	108,825	108,825	52,994	50,762	18,768	18,366
Iowa.....	146,038	139,300	81,979	81,979	50,277	43,725	13,782	13,596
Kansas.....	94,478	93,070	52,890	52,890	30,715	29,674	10,873	10,507
Kentucky.....	59,156	51,835	34,019	28,422	20,227	18,887	4,911	4,526
Louisiana.....	178,495	172,493	105,826	101,734	52,329	50,997	20,340	19,762
Maine.....	21,478	18,130	9,677	9,677	8,914	5,640	2,886	2,812
Maryland.....	124,392	114,954	67,808	67,808	43,221	34,484	13,363	12,662
Massachusetts ⁴	358,248	288,091	212,524	164,756	101,808	81,533	43,917	41,802
Michigan.....	583,373	563,192	361,262	352,280	168,227	157,565	53,884	53,346
Minnesota.....	230,116	219,127	148,170	140,488	58,697	56,047	23,249	22,592
Mississippi.....	61,606	52,931	34,483	33,822	21,117	13,230	6,005	5,880
Missouri.....	239,804	215,099	139,664	132,637	77,960	61,076	22,180	21,387
Montana.....	25,716	25,427	13,114	13,114	8,837	8,834	3,765	3,479
Nebraska.....	70,254	65,559	43,235	39,609	20,881	20,161	6,139	5,759
Nevada.....	12,821	12,267	8,571	8,571	2,185	1,665	2,065	2,030
New Hampshire.....	21,575	20,973	8,532	8,532	10,344	9,808	2,699	2,633
New Jersey.....	426,614	398,531	286,294	266,858	101,238	92,955	39,082	38,718
New Mexico.....	67,497	64,525	44,032	44,032	17,855	15,133	5,609	5,359
New York ⁵	773,054	664,138	493,032	423,031	203,643	168,257	76,379	72,850
North Carolina.....	215,616	175,101	97,448	88,765	102,269	70,522	15,899	15,814
North Dakota.....	30,723	30,555	12,986	12,986	15,192	15,192	2,546	2,378
Ohio.....	620,128	600,256	383,572	383,572	162,738	144,149	73,819	72,536
Oklahoma.....	126,126	114,065	74,667	74,667	42,365	30,545	9,093	8,853
Oregon.....	115,018	107,741	59,640	59,640	38,989	31,919	16,389	16,181
Pennsylvania.....	626,015	569,067	335,896	320,051	216,074	177,364	74,045	71,647
Rhode Island.....	62,400	53,611	33,105	30,307	20,255	15,895	9,039	7,409
South Carolina.....	67,877	59,541	40,492	37,462	22,697	17,478	4,689	4,601
South Dakota.....	28,419	27,333	16,736	16,736	8,055	7,107	3,628	3,490
Tennessee.....	151,995	125,657	73,911	61,322	57,988	45,289	20,096	19,046
Texas.....	869,098	840,522	507,604	500,304	279,534	259,486	81,959	80,732
Utah.....	68,392	58,372	39,280	38,961	23,849	14,489	5,263	4,922
Vermont.....	5,233	4,889	2,929	2,929	1,296	1,073	1,008	888
Virginia.....	165,848	152,923	89,566	86,116	53,224	46,302	23,059	20,505
Washington.....	173,318	168,567	98,807	97,675	53,888	51,005	20,623	19,886
West Virginia.....	55,039	53,824	28,744	28,744	18,505	17,400	7,790	7,681
Wisconsin.....	256,916	242,437	140,704	134,140	92,922	85,322	23,289	22,975
Wyoming.....	22,301	22,171	13,756	13,756	6,646	6,646	1,900	1,770

See footnotes at end of table.

TABLE H-7: Urban building authorized, by ownership, by class of construction, and by State, 1950-51¹—Continued

[In thousands]

State (urban areas)	Valuation							
	All classes		New residential ²		New nonresidential		Additions, alterations, and repairs	
	Total	Non-Federal ³	Total	Non-Federal ³	Total	Non-Federal ³	Total	Non-Federal ³
1951								
Total urban	\$8,895,430	\$7,901,374	\$4,992,620	\$4,412,987	\$2,807,359	\$2,460,443	\$1,095,451	\$1,027,944
Alabama	99,056	76,183	66,288	44,054	19,666	19,167	13,102	12,960
Arizona	40,992	31,449	17,364	13,624	18,102	12,304	5,526	5,521
Arkansas	69,933	54,455	32,582	28,939	31,630	19,881	5,721	5,635
California	1,159,676	1,095,062	657,005	643,604	360,643	320,035	142,029	131,423
Colorado	118,026	110,051	68,446	65,347	36,532	34,595	13,048	10,110
Connecticut	142,309	125,999	84,431	72,909	40,110	35,721	17,768	17,370
Delaware	15,529	14,365	7,823	7,823	4,966	4,140	2,741	2,403
District of Columbia	69,240	45,066	29,457	26,263	24,392	9,662	15,391	9,141
Florida	337,995	327,226	226,037	218,228	68,257	65,882	43,701	43,116
Georgia	123,713	85,880	79,999	44,969	27,747	25,746	15,967	15,165
Idaho	19,634	19,035	10,817	10,817	5,308	4,719	3,509	3,498
Illinois	600,036	548,568	341,471	319,028	208,299	180,742	50,266	48,797
Indiana	205,545	185,128	89,889	86,146	96,023	79,662	19,634	19,320
Iowa	110,699	106,545	61,118	61,118	37,838	33,754	11,743	11,673
Kansas	83,516	78,475	41,665	41,665	29,515	25,034	12,336	11,776
Kentucky	67,868	44,211	42,368	24,366	20,703	15,128	4,797	4,718
Louisiana	145,781	120,206	86,170	86,502	36,422	30,464	23,188	21,240
Maine	15,471	15,373	6,093	6,093	7,342	7,294	2,036	1,986
Maryland	117,799	102,234	66,150	54,700	30,803	28,882	20,845	18,652
Massachusetts ⁴	374,768	275,605	204,592	136,286	133,931	105,476	36,245	33,844
Michigan	478,923	464,371	239,267	229,501	184,699	180,580	54,962	54,290
Minnesota	188,717	166,207	102,461	96,621	64,013	48,133	22,243	21,453
Mississippi	45,617	42,335	26,435	23,674	13,801	13,388	5,381	5,274
Missouri	154,645	148,843	85,296	83,587	44,813	43,422	24,536	21,834
Montana	19,430	18,935	10,031	9,561	6,823	6,823	2,575	2,551
Nebraska	56,434	55,685	34,015	34,015	15,912	15,322	6,507	6,348
Nevada	9,014	8,015	5,380	4,537	1,779	1,641	1,855	1,837
New Hampshire	16,297	14,193	8,484	6,470	4,894	4,872	2,919	2,851
New Jersey	342,205	291,786	215,276	177,192	85,328	73,318	41,601	41,276
New Mexico	50,124	45,807	27,936	27,363	17,803	14,276	4,385	4,167
New York ⁵	648,660	519,955	353,286	263,916	210,587	180,501	84,787	75,538
North Carolina	147,417	115,263	76,365	57,631	56,558	43,366	14,494	14,267
North Dakota	17,601	17,573	10,309	10,309	5,287	5,287	2,005	1,977
Ohio	579,267	557,497	319,807	319,184	184,647	165,210	74,813	73,104
Oklahoma	93,393	90,531	57,827	57,827	25,406	22,784	10,161	9,920
Oregon	79,303	78,637	38,253	38,253	25,961	25,433	15,089	14,951
Pennsylvania	444,047	396,417	246,023	214,102	126,634	117,831	71,390	64,484
Rhode Island	63,807	46,496	45,475	29,626	9,941	9,926	8,391	6,944
South Carolina	57,200	44,503	35,106	25,384	16,012	13,422	6,082	5,698
South Dakota	19,729	17,686	8,882	8,882	7,410	5,396	3,436	3,408
Tennessee	143,616	95,728	66,682	42,314	58,452	35,289	18,482	18,125
Texas	685,976	620,413	416,679	361,890	193,929	184,992	75,368	73,531
Utah	39,979	39,177	24,183	24,183	11,770	10,999	4,026	3,995
Vermont	3,411	3,278	1,556	1,556	1,140	1,052	715	670
Virginia	185,061	143,597	102,494	76,806	57,833	49,476	24,734	17,315
Washington	138,980	136,244	69,293	68,659	49,350	47,777	20,338	19,808
West Virginia	48,773	43,127	25,210	25,210	14,715	9,443	8,847	8,474
Wisconsin	206,476	204,264	112,072	111,480	70,515	69,080	23,888	23,704
Wyoming	13,737	13,692	8,771	8,771	3,117	3,117	1,849	1,803

¹ Includes value of Federal construction contracts awarded and estimated for building to be started in urban places which do not issue permits. Sums of components do not always equal totals exactly because of rounding. See statement on p. 200 of 1950 edition for source and scope of urban estimates and definition of urban.

² Includes value of dormitories and other nonhousekeeping residential buildings.

³ In general, this category includes private and State and local government construction. However, for consistency in handling public housing, all publicly built housing projects, whether State, locally, or federally built, are classified as Federal construction.

⁴ Data for Boston are based on permit applications filed.

⁵ New York City data are based on inspection records and represent work actually started.

TABLE H-8: New urban dwelling units authorized, by private or public ownership, by type of structure, and by State, 1950-51¹

State	Number of new dwelling units—housekeeping only						Number of new dwelling units—housekeeping only					
	Total	Pub- licly owned	Privately owned				Total	Pub- licly owned	Privately owned			
			Total	1-family	2-fam- ily ²	Multifamily ³			Total	1-family	2-fam- ily ²	Multifamily ³
1950												
Total urban.....	837,380	38,953	798,427	624,377	33,238	140,812	599,986	66,044	533,942	434,893	29,743	69,306
Alabama.....	16,078	1,448	14,630	10,960	923	2,747	11,432	2,996	8,436	7,397	409	630
Arizona.....	2,609	0	2,609	2,211	106	292	2,666	604	2,062	1,779	129	154
Arkansas.....	6,993	922	6,071	5,715	206	150	5,341	564	4,777	4,336	195	246
California.....	109,041	1,076	107,965	83,539	5,673	18,753	79,228	1,846	77,382	58,217	5,164	14,001
Colorado.....	12,130	600	11,530	9,619	607	1,304	8,841	400	8,441	6,662	432	1,347
Connecticut.....	12,447	3,856	8,591	7,646	347	598	9,017	1,162	7,855	7,657	111	87
Delaware.....	473	0	473	446	11	16	862	0	862	846	4	12
District of Columbia.....	4,857	0	4,857	2,046	144	2,667	4,494	348	4,146	1,523	0	2,623
Florida.....	33,880	1,309	32,571	24,327	1,917	6,327	28,561	1,070	27,491	18,690	2,142	6,659
Georgia.....	14,152	1,635	12,517	8,069	869	3,579	12,832	4,611	8,221	5,867	1,560	794
Idaho.....	3,806	75	3,731	3,435	217	79	1,389	0	1,389	1,316	20	53
Illinois.....	42,564	691	41,873	32,001	917	8,955	31,666	2,289	29,377	25,468	838	3,071
Indiana.....	15,980	0	15,980	13,554	420	2,006	11,127	422	10,705	9,960	360	385
Iowa.....	10,300	0	10,300	9,309	326	665	6,737	0	6,737	6,386	193	158
Kansas.....	9,193	0	9,193	7,673	280	1,240	6,445	0	6,445	5,303	474	668
Kentucky.....	5,077	650	4,427	3,931	208	288	5,628	1,950	3,678	3,200	181	297
Louisiana.....	15,464	686	14,778	11,365	708	2,705	11,753	1,941	9,812	8,590	535	687
Maine.....	1,558	0	1,558	1,511	41	6	911	0	911	874	34	3
Maryland.....	10,479	0	10,479	7,969	100	2,410	8,317	1,132	7,185	7,024	104	57
Massachusetts ⁴	26,068	4,827	21,241	19,585	393	1,263	23,197	6,673	16,524	15,965	348	211
Michigan.....	41,029	830	40,199	37,820	661	1,718	24,419	982	23,437	21,932	731	774
Minnesota.....	16,297	832	15,465	12,652	520	2,293	10,255	632	9,623	8,485	454	684
Mississippi.....	6,822	104	6,718	5,720	447	551	4,292	417	3,875	3,470	310	95
Missouri.....	18,208	704	17,504	14,188	423	2,893	10,406	232	10,174	9,013	338	823
Montana.....	1,779	0	1,779	1,576	22	181	1,339	50	1,289	1,202	44	43
Nebraska.....	6,251	400	5,851	4,908	257	686	4,688	0	4,688	4,169	321	198
Nevada.....	1,106	0	1,106	934	26	146	558	100	458	372	22	64
New Hampshire.....	1,348	0	1,348	1,286	45	17	1,083	200	883	851	32	0
New Jersey.....	37,182	2,350	34,832	26,317	1,040	7,475	23,742	3,880	19,862	15,029	1,284	3,549
New Mexico.....	8,049	0	8,049	7,393	218	438	4,449	78	4,371	3,891	135	345
New York ⁵	65,076	8,271	56,805	22,743	2,129	31,933	41,980	9,649	32,331	15,082	1,962	15,287
North Carolina.....	16,349	1,143	15,206	10,651	1,432	3,123	11,014	2,292	8,722	7,036	955	731
North Dakota.....	1,347	0	1,347	1,216	95	36	1,021	0	1,021	902	76	43
Ohio.....	42,670	0	42,670	36,463	924	5,283	32,097	66	32,031	26,117	1,237	4,677
Oklahoma.....	12,041	0	12,041	11,404	392	245	8,272	0	8,272	7,974	201	97
Oregon.....	7,502	0	7,502	5,441	321	1,740	4,327	0	4,327	3,649	377	301
Pennsylvania.....	40,480	1,792	38,688	30,490	1,534	6,664	26,704	3,309	23,395	20,628	1,090	1,677
Rhode Island.....	4,687	398	4,289	4,012	233	44	5,257	1,490	3,767	3,589	95	83
South Carolina.....	7,190	408	6,782	6,461	359	1,782	5,372	1,185	4,187	3,389	553	245
South Dakota.....	2,530	0	2,530	2,187	118	225	1,241	0	1,241	1,156	39	46
Tennessee.....	14,385	1,516	12,869	9,036	966	2,867	11,053	2,983	8,070	6,115	1,430	525
Texas.....	80,458	1,102	79,356	66,733	4,425	8,198	58,504	7,545	50,959	43,999	2,724	4,236
Utah.....	5,290	24	5,266	4,457	300	509	2,956	0	2,956	2,542	165	249
Vermont.....	458	0	458	438	0	20	226	0	226	226	0	0
Virginia.....	11,464	428	11,036	9,801	392	843	11,245	2,796	8,449	7,527	275	647
Washington.....	11,417	150	11,267	9,548	367	1,352	7,315	90	7,225	6,047	584	594
West Virginia.....	4,090	0	4,090	3,400	272	418	3,454	0	3,454	3,070	180	204
Wisconsin.....	16,782	726	16,056	12,462	868	2,726	11,391	60	11,391	9,625	876	830
Wyoming.....	1,944	0	1,944	1,549	39	356	882	0	882	746	20	116

¹ Includes dwelling units for which Federal contracts were awarded and estimates for dwelling units to be started in urban places which do not issue permits. See introductory statement on p. 200 of 1950 edition for source and scope of urban estimates and definition of urban.

² Includes units in 1-family structures with stores.

³ Includes units in multifamily structures with stores.

⁴ Data for Boston are based on permit applications filed.

⁵ New York City data are based on inspection records and represent work actually started.

Section I: Housing and Rents

TABLE I-1: Number of new permanent nonfarm dwelling units started, 1951^{1 2}

Period	Total nonfarm units	Urban units	Rural nonfarm units	Private units	Public units	Units in—		
						1-family struc- tures	2-family struc- tures ³	Multi family structures ⁴
1951.....	1,091,300	595,300	496,000	1,020,100	71,200	900,100	40,400	150,800
1951: January.....	85,900	49,600	36,300	82,200	3,700	71,100	3,400	11,400
February.....	80,600	47,000	33,600	76,500	4,100	67,300	3,400	9,900
March.....	93,800	51,200	42,600	90,200	3,600	78,400	4,600	10,800
April.....	96,200	51,900	44,300	92,300	3,900	82,900	3,900	9,400
May.....	101,000	55,400	45,600	97,600	3,400	85,900	3,000	12,100
June.....	132,500	84,700	47,800	90,300	42,200	84,200	3,300	45,000
July.....	90,500	45,900	44,600	86,800	3,700	76,000	3,400	11,100
August.....	89,100	45,900	43,200	88,300	800	77,600	3,100	8,400
September.....	96,400	49,400	47,000	95,300	1,100	81,600	3,800	11,000
October.....	90,000	44,400	45,600	88,900	1,100	79,500	3,500	7,000
November.....	74,500	38,500	36,000	72,200	2,300	64,000	2,600	7,900
December.....	60,800	31,400	29,400	59,500	1,300	51,600	2,400	6,800

¹ The geographic coverage of this table is broader than that of tables H-6 to H-8 covering urban areas. In addition to "urban" areas as defined in the 1940 Census (all incorporated places of 2,500 inhabitants or more in 1940 and a small number of places, usually minor civil divisions, classified as "urban" under special rules), nonfarm areas, also per 1940 Census definition, include all rural areas other than farms.

² Data from the Bureau of Labor Statistics, based on building permits issued and Federal construction contracts awarded, supplemented by data from field surveys in nonpermit-issuing places. Data from building permits have been adjusted for lapsed permits and lag between permit issuance and the start of construction.

³ Includes 1- and 2-family dwellings with stores.

⁴ Includes multifamily dwellings with stores.

TABLE I-4: Number of new permanent dwelling units started in 15 metropolitan areas, year 1950 and January-June 1951¹

[Private and public]

Year and month	Atlanta			Boston			Chicago			Cleveland			Dallas		
	Total	1-fam- ily	Apart- ments ²	Total	1-fam- ily	Apart- ments ²	Total	1-fam- ily	Apart- ments ²	Total	1-fam- ily	Apart- ments ²	Total	1-fam- ily	Apart- ments ²
1950	³ 16,150	³ 9,440	³ 6,710	⁴ 14,070	10,900	3,170	⁵ 44,170	34,900	⁵ 9,270	³ 15,880	³ 14,260	³ 1,620	³ 14,470	³ 11,570	² 2,900
1951 (first 5 mos.)	³ 6,070	⁶ 4,010	⁶ 1,060	⁷ 4,630	3,450	⁷ 1,180	⁶ 15,760	⁶ 13,110	⁸ 2,650	³ 4,870	³ 4,360	³ 510	³ 6,390	³ 6,4,320	³ 6 1,070
1951: January	1,200	880	320	1,020	410	610	1,590	1,270	320	580	540	40	1,230	1,050	180
February	600	520	80	520	510	10	2,000	1,310	690	490	420	70	890	770	120
March	870	680	190	890	820	70	2,060	1,860	200	930	670	260	920	800	120
April	970	720	250	1,030	790	240	2,410	2,290	120	1,120	1,080	40	990	620	370
May	870	680	190	1,170	920	250	3,210	2,680	530	1,750	1,650	100	830	640	190
June	560	530	30	(⁹)	(⁹)	(⁹)	4,490	3,700	790	(⁹)	(⁹)	(⁹)	530	440	90
	Denver			Detroit			Los Angeles			Miami			New York-Northeastern New Jersey		
1950	¹⁰ 11,030	⁸ ,450 ¹⁰	² ,580	¹¹ 42,930	40,760	¹¹ 2,170	³ 100,430	³ 83,400	³ 17,030	³ 18,850	³ 14,550	³ 4,300	¹² 126,400	78,220	¹² 48,180
1951 (first 5 mos.)	¹³ 4,310	³ ,320	¹³ 990	¹⁴ 13,430	12,340	¹⁴ 1,090	³ 35,520	³ 30,310	³ 5,210	³ 5,850	³ 4,200	³ 1,650	¹⁵ 35,380	21,210	¹⁵ 14,170
1951: January	560	480	80	2,680	2,090	590	8,590	7,280	1,310	1,130	820	310	6,360	3,360	3,000
February	780	690	90	1,530	1,500	30	7,530	6,630	900	1,160	920	240	5,240	3,040	2,200
March	1,210	840	370	2,590	2,450	140	7,040	5,690	1,350	1,230	980	250	7,220	5,220	2,000
April	860	720	140	2,630	2,550	80	6,410	5,490	920	890	600	290	8,420	4,740	3,680
May	900	590	310	4,000	3,750	250	5,950	5,220	730	1,440	880	560	8,140	4,850	3,290
June	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)
	Philadelphia			Pittsburgh			San Francisco-Oakland			Seattle			Washington, D. C.		
1950	⁸ 33,790	³ 29,110	³ 4,680	³ 14,000	³ 10,310	³ 3,690	¹⁶ 17,30,200	¹⁶ 25,070	¹⁶ 17,5,130	³ 7,820	³ 6,730	³ 1,090	³ 26,070	³ 20,320	³ 5,750
1951 (first 5 mos.)	¹⁸ 9,150	⁸ ,420	¹⁸ 730	¹⁹ 4,380	3,330	¹⁹ 1,050	⁶ 20 14,360	⁶ 11,080	⁶ 20 3,280	³ 2,820	³ 2,630	³ 190	³ 6 10,590	³ 6 9,380	³ 6 1,210
1951: January	1,950	1,700	250	640	460	180	2,030	1,740	290	450	430	20	1,450	1,340	110
February	1,130	1,060	70	420	260	160	2,070	1,670	400	470	440	30	1,100	970	130
March	2,040	1,960	80	1,170	810	360	2,470	2,050	420	630	570	60	2,030	1,670	360
April	2,030	1,860	170	920	820	100	2,850	2,170	680	590	560	30	2,050	1,750	300
May	2,000	1,840	160	1,230	980	250	2,510	1,890	620	680	630	50	2,310	2,050	260
June	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	(⁹)	2,430	1,560	870	(⁹)	(⁹)	(⁹)	1,650	1,600	50

¹ Covers both private and public dwelling units, unless otherwise indicated. The estimates of private dwelling units started are based on actual field surveys. In places issuing building permits, samples of projects are surveyed and the findings compared with data on permits issued, supplied by local building officials. In non-permit-issuing places, a complete count is made of units started. Data on public housing are compiled from notifications of contract awards provided by Federal and local public agencies responsible for individual projects and from follow-up of this information at the site of the projects reported.

Metropolitan areas cover entire county or groups of counties surrounding the central city or cities. The areas conform to the definitions of Standard Metropolitan Areas established by the U. S. Bureau of the Census for the 1950 Census.

The 1950 annual figures for the San Francisco-Oakland metropolitan area include data received after the 1950 Handbook was published. All other late returns were incorporated in the 1950 Edition.

² Covers all units in 2-or-more family buildings.

³ All new dwelling units started were privately owned.

⁴ Includes 3,000 public units started in 1950, of which 270 were 1-family units, 240 were in 2-4-family structures, and 2,490 were in 5-or-more family structures.

⁵ Includes 130 public units started in 1950.

⁶ Total for first 6 months.

⁷ Includes 820 public units started in 1951.

⁸ Includes 420 public units started in 1951.

⁹ Data not available.

¹⁰ Includes 600 public units started in 1950.

¹¹ Includes 640 public units started in 1950.

¹² Includes 8,770 public units started in 1950.

¹³ Includes 400 public units started in 1951.

¹⁴ Includes 100 public units started in 1951.

¹⁵ Includes 5,610 public units started in 1951.

¹⁶ Revised. The 3,030 units started in October 1950 included 2,090 1-family units and 940 units in apartment structures. There were 1,650 units started in November 1950, which included 1,400 1-family units and 250 apartment units. There were 1,410 units started in December 1950, which included 1,100 1-family units and 310 units in apartment structures.

¹⁷ Includes 470 public units started in 1950.

¹⁸ Includes 250 public units started in 1951.

¹⁹ Includes 580 public units started in 1951.

²⁰ Includes 280 public units started in 1951.

TABLE I-7: Indexes of rents and fuel costs, 1951

Period	Residential rents for moderate-income families in large cities	Retail prices of fuels	
		Gas and electricity	Other fuels
1951	136.2	97.2	204.5

TABLE I-9: Structural characteristics and average construction cost of private 1-family houses started in 15 metropolitan areas, selected quarters of 1949-51

Item	All areas			Atlanta			Boston		
	1949	1950	1951	1949	1950	1951	1949	1950	1951
	QUARTER								
	3-4	2-3	1	3-4	2-3	1	3-4	2-3	1
Number of houses started.....	146,970	244,710	72,440	3,680	5,440	2,200	4,240	7,030	1,810
Average construction cost.....	\$8,500	\$9,200	\$10,700	\$6,900	\$7,900	\$8,800	\$9,100	\$9,700	\$11,000
Percentage distribution									
Structural characteristics									
Floor area (sq. ft.).....	100	100	100	100	100	100	100	100	100
Less than 700.....	9	5	4	12	3	4	8	5	1
700-799.....	21	14	11	13	6	7	32	25	24
800-899.....	22	21	15	18	23	14	17	21	19
900-999.....	13	14	16	16	21	23	6	10	13
1,000-1,199.....	18	25	25	22	24	19	8	11	9
1,200-1,599.....	12	14	18	12	14	20	18	17	18
1,600 and over.....	5	6	11	7	9	12	10	11	16
Number of baths.....	100	100	100	100	100	100	100	100	100
Less than one.....	1	1	2	11	2	4	(1)	(1)	(1)
One.....	88	86	78	80	89	82	84	84	78
More than one.....	11	13	20	9	9	14	16	16	22
Basement or utility room.....	100	100	100	100	100	100	100	100	100
Full or partial basement.....	51	52	61	27	22	34	90	93	94
Utility room only.....	17	17	17	10	21	22	3	2	4
No basement or utility room.....	32	31	22	63	57	44	7	5	2
Window frames.....	100	100	100	100	100	100	100	100	100
Wood.....	72	67	62	93	85	86	94	90	88
Steel.....	24	25	27	6	7	9	6	10	12
Aluminum.....	4	8	10	1	7	5	(1)	(1)	(1)
Type of heating.....	100	100	100	100	100	100	100	100	100
Central.....	66	68	80	15	25	32	100	100	99
Other.....	30	28	15	84	73	66	(1)	(1)	1
None.....	4	3	5	1	2	2	(1)	(1)	1
Builder.....	100	100	100	100	100	100	100	100	100
Operative builder.....	76	69	77	64	74	74	81	58	69
Contractor.....	12	19	12	7	9	10	16	20	14
Owner.....	12	12	10	29	17	16	3	21	17

See footnotes at end of table.

TABLE I-9: Structural characteristics and average construction cost of private 1-family houses started in 15 metropolitan areas, selected quarters of 1949-51—Continued

Item	Chicago			Cleveland			Dallas		
	1949	1950	1951	1949	1950	1951	1949	1950	1951
	QUARTER								
	3-4	2-3	1	3-4	2-3	1	3-4	2-3	1
Number of houses started.....	13,010	23,340	4,430	5,380	9,040	1,630	4,220	6,510	2,630
Average construction cost.....	\$10,600	\$11,100	\$13,000	\$11,100	\$11,900	\$13,200	\$7,300	\$8,800	\$10,700
Percentage distribution									
Structural characteristics									
Floor area (sq. ft.).....	100	100	100	100	100	100	100	100	100
Less than 700.....	9	8	5	10	2	2	5	7	8
700-799.....	16	12	7	20	23	17	35	14	6
800-899.....	18	20	17	17	18	20	28	30	21
900-999.....	18	17	22	12	16	16	5	10	9
1,000-1,199.....	16	20	23	14	21	22	13	17	17
1,200-1,599.....	13	18	19	18	15	18	6	10	22
1,600 and over.....	10	5	7	8	5	5	8	12	17
Number of baths.....	100	100	100	100	100	100	100	100	100
Less than one.....	(1)	1	2	(1)	0	1	2	5	4
One.....	87	85	88	82	88	84	89	84	77
More than one.....	13	14	9	18	12	15	9	11	19
Basement or utility room.....	100	100	100	100	100	100	100	100	100
Full or partial basement.....	72	71	72	73	78	81	0	1	(1)
Utility room only.....	22	25	23	24	21	16	3	2	6
No basement or utility room.....	6	4	5	3	1	3	97	97	93
Window frames.....	100	100	100	100	100	100	100	100	100
Wood.....	87	79	84	73	76	81	55	53	44
Steel.....	10	17	12	24	19	14	41	41	48
Aluminum.....	3	4	4	3	5	4	4	6	8
Type of heating.....	100	100	100	100	100	100	100	100	100
Central.....	93	95	97	99	99	99	8	14	35
Other.....	7	2	2	1	0	1	92	71	49
None.....	0	3	1	(1)	1	0	(1)	14	15
Builder.....	100	100	100	100	100	100	100	100	100
Operative builder.....	57	55	63	59	65	70	84	83	80
Contractor.....	23	20	24	23	19	21	12	6	14
Owner.....	20	25	13	18	16	9	4	11	6

See footnotes at end of table.

TABLE I-9: Structural characteristics and average construction cost of private 1-family houses started in 15 metropolitan areas, selected quarters of 1949-51—Continued

Item	Denver			Detroit			Los Angeles		
	1949	1950	1951	1949	1950	1951	1949	1950	1951
	QUARTER								
	3-4	2-3	1	3-4	2-3	1	3-4	2-3	1
Number of houses started.....	3,260	5,070	2,030	19,380	23,950	6,040	28,080	50,180	19,490
Average construction cost.....	\$7,700	(2)	\$11,600	\$8,100	\$9,600	\$10,500	\$6,900	\$7,500	\$9,600
Percentage distribution									
Structural characteristics									
Floor area (sq. ft.).....	100	100	100	100	100	100	100	100	(2)
Less than 700.....	12	5	3	12	6	5	5	4	(2)
700-799.....	40	28	20	45	35	31	18	6	(2)
800-899.....	21	21	21	16	20	19	32	27	(2)
900-999.....	11	16	21	11	12	18	13	14	(2)
1,000-1,199.....	7	16	15	8	14	13	22	35	(2)
1,200-1,599.....	6	10	13	5	8	9	5	9	(2)
1,600 and over.....	2	5	7	2	5	5	4	5	(2)
Number of baths.....	100	100	100	100	100	100	100	100	(2)
Less than one.....	0	(1)	4	0	2	5	(1)	(1)	(2)
One.....	90	88	81	95	91	87	92	89	(2)
More than one.....	10	11	15	5	7	8	8	10	(2)
Basement or utility room.....	100	100	100	100	100	100	100	100	(2)
Full or partial basement.....	33	44	36	83	82	77	1	1	(2)
Utility room only.....	45	41	46	13	15	12	23	19	(2)
No basement or utility room.....	22	15	18	4	3	11	76	80	(2)
Window frames.....	100	100	100	100	100	100	100	100	(2)
Wood.....	39	28	29	75	75	86	78	85	(2)
Steel.....	59	67	71	23	23	13	20	12	(2)
Aluminum.....	2	4	(1)	2	2	1	2	3	(2)
Type of heating.....	100	100	100	100	100	100	100	100	(2)
Central.....	78	88	94	95	97	89	7	8	(2)
Other.....	22	12	3	5	2	10	92	91	(2)
None.....	0	(1)	3	(1)	1	1	1	1	(2)
Builder.....	100	100	100	100	100	100	100	100	(2)
Operative builder.....	81	74	83	85	77	83	83	55	(2)
Contractor.....	8	17	6	6	9	11	6	40	(2)
Owner.....	11	9	11	9	14	6	11	4	(2)

See footnotes at end of table.

TABLE I-9: Structural characteristics and average construction cost of private 1-family houses started in 15 metropolitan areas, selected quarters of 1949-51—Continued

Item	Miami			New York			Philadelphia		
	1949	1950	1951	1949	1950	1951	1949	1950	1951
	QUARTER								
	3-4	2-3	1	3-4	2-3	1	3-4	2-3	1
Number of houses started.....	5,380	6,650	2,610	29,100	49,790	12,030	10,040	18,440	4,700
Average construction cost.....	\$7,200	\$8,300	\$10,500	\$8,900	\$9,500	\$12,000	\$8,200	\$8,600	\$9,700
Percentage distribution									
Structural characteristics									
Floor area (sq. ft.).....	100	100	100	100	100	100	100	100	100
Less than 700.....	16	4	11	11	5	2	4	7	4
700-799.....	18	7	5	21	21	8	7	7	6
800-899.....	27	25	8	24	23	17	15	14	12
900-999.....	6	24	16	11	14	17	14	11	13
1,000-1,199.....	17	19	23	13	17	24	30	33	34
1,200-1,599.....	11	10	17	14	15	20	25	21	20
1,600 and over.....	5	10	20	5	6	11	5	7	10
Number of baths.....	100	100	100	100	100	100	100	100	100
Less than one.....	5	(1)	1	(1)	(1)	(1)	(1)	1	(1)
One.....	83	81	71	84	84	74	87	83	79
More than one.....	12	19	28	16	16	26	13	16	21
Basement or utility room.....	100	100	100	100	100	100	100	100	100
Full or partial basement.....	(1)	(1)	(1)	76	76	82	91	85	78
Utility room only.....	50	57	44	5	11	13	6	8	15
No basement or utility room.....	50	43	56	19	13	5	3	6	7
Window frames.....	100	100	100	100	100	100	100	100	100
Wood.....	8	3	6	75	61	63	78	77	79
Steel.....	70	36	29	21	26	24	16	15	14
Aluminum.....	22	61	66	4	13	13	6	8	8
Type of heating.....	100	100	100	100	100	100	100	100	100
Central.....	(1)	(1)	(1)	99	99	100	100	99	98
Other.....	7	16	26	1	(1)	0	0	1	2
None.....	92	84	74	(1)	1	(1)	(1)	(1)	(1)
Builder.....	100	100	100	100	100	100	100	100	100
Operative builder.....	85	73	68	75	80	82	82	79	83
Contractor.....	5	11	15	16	11	8	10	11	8
Owner.....	9	16	17	9	9	9	8	10	10

See footnotes at end of table.

TABLE I-9: Structural characteristics and average construction cost of private 1-family houses started in 15 metropolitan areas, selected quarters of 1949-51—Continued

Item	Pittsburgh			San Francisco			Seattle			Washington, D. C.		
	1949	1950	1951	1949	1950	1951	1949	1950	1951	1949	1950	1951
	QUARTER											
	3-4	2-3	1	3-4	2-3	1	3-4	2-3	1	3-4	2-3	1
Number of houses started-----	3,550	6,950	1,580	8,940	15,420	5,660	2,620	4,230	1,460	5,950	12,670	4,140
Average construction cost-----	\$9,300	\$9,400	\$10,400	\$8,900	\$9,400	\$10,400	\$8,100	\$9,400	\$10,500	\$10,000	\$11,200	\$12,200
Percentage distribution												
Structural characteristics												
Floor area (sq. ft.)-----	100	100	100	100	100	100	100	100	100	100	100	100
Less than 700-----	10	8	4	2	1	3	7	5	4	13	4	3
700-799-----	9	13	12	5	3	1	21	9	6	10	6	5
800-899-----	14	16	8	17	9	5	17	20	13	24	18	14
900-999-----	16	11	15	20	11	9	18	20	18	13	23	22
1,000-1,199-----	34	21	27	37	44	52	21	19	30	20	31	27
1,200-1,599-----	16	23	27	13	23	20	11	21	23	17	13	17
1,600 and over-----	1	8	7	6	9	11	5	7	6	3	5	11
Number of baths-----	100	100	100	100	100	100	100	100	100	100	100	100
Less than one-----	(1)	1	(1)	(1)	(1)	2	1	(1)	(1)	2	1	5
One-----	91	90	88	92	83	76	86	81	79	80	78	66
More than one-----	9	9	12	8	17	22	14	18	21	18	21	29
Basement or utility room-----	100	100	100	100	100	100	100	100	100	100	100	100
Full or partial basement-----	96	94	93	17	19	20	40	50	50	52	66	71
Utility room only-----	1	1	4	12	11	13	29	29	28	40	31	25
No basement or utility room-----	3	5	3	71	70	67	31	21	22	8	3	4
Window frames-----	100	100	100	100	100	100	100	100	100	100	100	100
Wood-----	48	29	26	72	45	57	69	60	62	52	51	43
Steel-----	49	64	67	25	48	37	20	8	9	46	47	51
Aluminum-----	3	7	7	3	7	6	11	32	29	2	2	6
Type of heating-----	100	100	100	100	100	100	100	100	100	100	100	100
Central-----	96	99	99	32	34	44	50	71	84	96	99	98
Other-----	4	1	(1)	68	66	56	50	28	16	4	1	2
None-----	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Builder-----	100	100	100	100	100	100	100	100	100	100	100	100
Operative builder-----	46	56	61	80	72	78	57	49	51	84	86	85
Contractor-----	14	21	23	12	17	15	15	16	16	5	6	7
Owner-----	40	22	16	8	11	7	28	35	33	11	8	8

¹ Less than 0.5 percent.

² Not available.

NOTE: Percentages are rounded and may not total 100. Data are based on most recent revised estimates and supersede figures published in the June 1951 issue of *Construction*, pages 12 and 13, and the 1949 figures in the 1950 Handbook, p. 218.

Full details from BLS surveys of the characteristics of new area housing started during selected periods of 1949-51 will be found in BLS Bulletin No. 1115, "New Housing in Metropolitan Areas, 1949-51," September 1952, 64 pp.



Section J: Social Security and Related Programs

TABLE J-1: Selected data on social security and related programs, 1950¹

Program	Amount of payments ²	Program	Number of beneficiaries, December 1950
Total amount of payments.....	<i>Millions</i> \$8,774	Social insurance and related programs:	
Social insurance and related programs.....	6,405	Old-age retirement:	
Old-age retirement.....	1,467	Old-age and survivors insurance ¹²	<i>Thousands</i> 2,325
Old-age and survivors insurance.....	718	Railroad retirement.....	178
Railroad retirement.....	177	Other ³	448
Other ³	572	Survivorship (monthly benefits):	
Survivorship:		Old-age and survivors insurance ¹²	1,152
Monthly benefits.....	925	Railroad retirement.....	142
Old-age and survivors insurance.....	300	Veterans' pension and compensation.....	1,010
Railroad retirement.....	44	Other ¹³	65
Veterans' pension and compensation.....	492	Disability:	
Other ⁴	89	Railroad retirement.....	77
Lump-sum payments ⁵	87	Veterans' pensions and compensation.....	2,313
Disability.....	2,458	Workmen's compensation.....	
Railroad retirement.....	77	Other ⁷	(14) 136
Veterans' pensions and compensation.....	1,675	Unemployment:	
Workmen's compensation.....	363	State unemployment insurance ¹⁵	832
Other ⁷	343	Railroad unemployment insurance ¹⁶	35
Unemployment.....	1,466	Servicemen's readjustment allowances ¹⁷	6
State unemployment insurance.....	1,373	Self-employment allowances ¹⁷	(18)
Railroad unemployment insurance.....	60	Number of recipients, December 1950	
Servicemen's readjustment allowances ⁸	33	Public assistance programs:	
Self-employment allowances ⁹	2	Old-age assistance.....	<i>Thousands</i> 2,786
Public assistance programs.....	2,369	Aid to dependent children:	
Old-age assistance.....	1,462	Children.....	1,661
Aid to dependent children.....	552	Families.....	651
Aid to the blind.....	53	Aid to the blind.....	97
Aid to the permanently and totally disabled ¹⁰	8	Aid to the permanently and totally disabled ¹²	69
General assistance ¹¹	295	General assistance ¹¹	413

¹ Data partly estimated; preliminary and subject to revision; slight differences between subtotals and totals result from rounding of figures.

² For calendar year.

³ Represents in large part retirement programs for Federal, State, and local government employees; veterans' age pensions are also included.

⁴ Survivor programs for Federal, State, and local government employees and workmen's compensation. Workmen's compensation includes a small but undetermined amount of lump-sum death payments.

⁵ Includes old-age and survivors insurance; railroad retirement; Federal, State, and local government retirement; and veterans' program.

⁶ Excludes payments for medical care.

⁷ Disability programs for Federal, State, and local government employees, and compensation under Rhode Island, New Jersey, and California temporary disability laws; also includes railroad temporary disability insurance.

⁸ For unemployment only.

⁹ Allowances to self-employed veterans under the Servicemen's Readjustment Act.

¹⁰ Program initiated October 1950 under the Social Security Act Amendments of 1950.

¹¹ Programs administered and financed entirely by State and/or local governments. Recipients represent number of cases.

¹² Beneficiaries represent number who were in current-payment status at the end of December.

¹³ Survivor programs for Federal, State, and local government employees. Data for beneficiaries under workmen's compensation not available.

¹⁴ Not available.

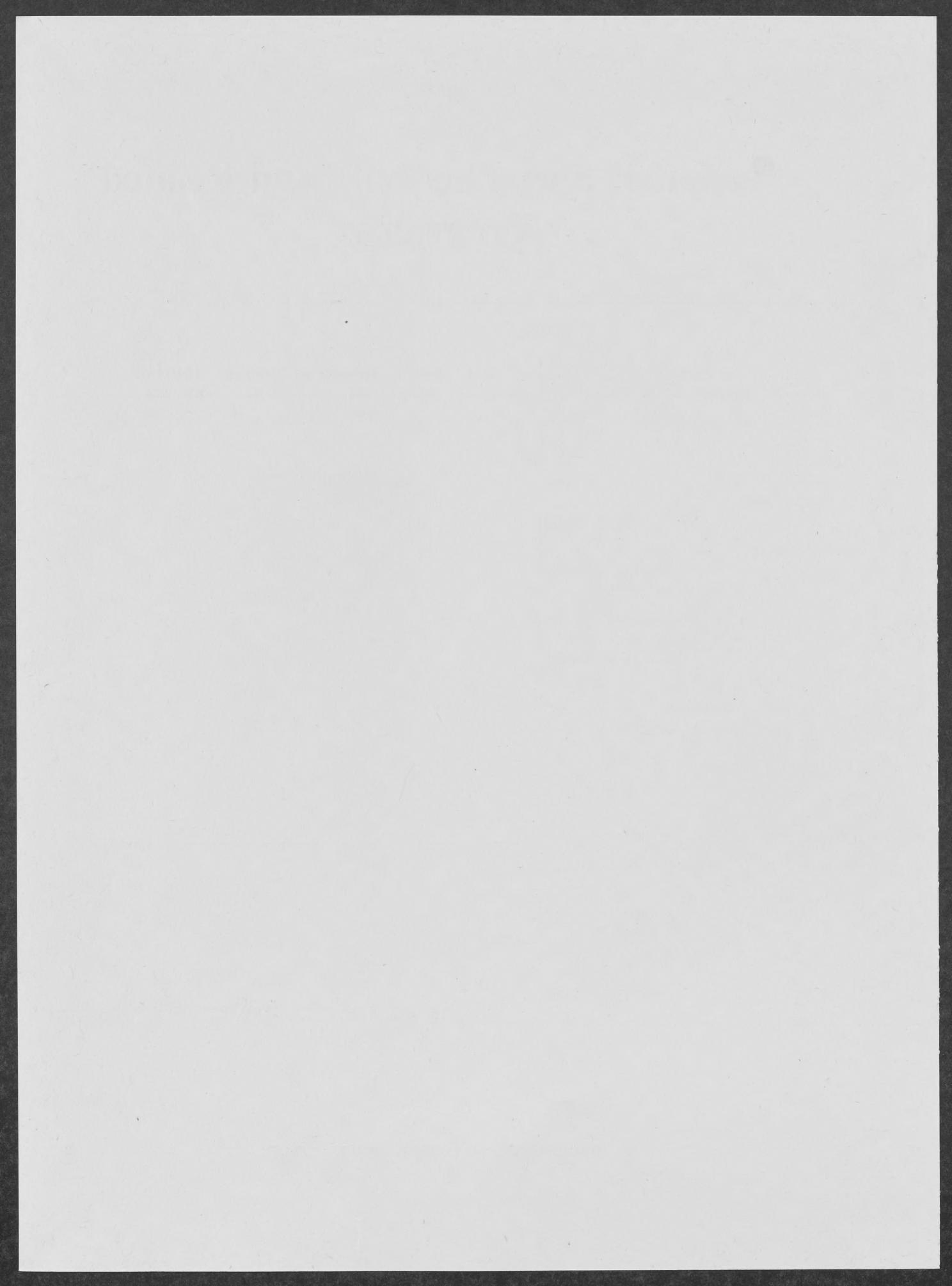
¹⁵ Average weekly number.

¹⁶ Average number during a 14-day registration period.

¹⁷ Number during the month. (See also footnote 9.)

¹⁸ Less than 500.

Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics. For detailed data, see the Social Security Bulletin, September 1952.



Section L: Production, Income, and Expenditures

In this section, all tables which are taken from the National Income Series of the Department of Commerce have been revised, beginning with 1949. These statistics are regularly

revised each year to incorporate more detailed basic source data, which in some cases become available 2 or 3 years after the year to which they refer.

TABLE L-1: Index of industrial production, 1951

[1935-39=100]

Period	Total		Manufactures		Minerals
			Durable	Nondurable	
	Adjusted ¹	Unadjusted ¹	Adjusted ¹	Adjusted ¹	Adjusted ¹
1951-----		220	273	194	164
1951: January-----	221	216	268	201	164
February-----	221	217	271	201	158
March-----	222	219	277	199	158
April-----	223	222	279	198	164
May-----	222	223	276	198	165
June-----	221	223	274	197	165
July-----	212	214	265	187	156
August-----	217	220	267	193	165
September-----	218	223	271	192	167
October-----	218	222	274	188	174
November-----	219	220	277	188	170
December-----	218	217	282	185	163

¹ The terms "adjusted" and "unadjusted" refer to adjustment of monthly figure for seasonal variation.

Source: Board of Governors, Federal Reserve System, Federal Reserve Bulletin.

TABLE L-2: Gross national product or expenditure, 1949-51

[In millions]

Item	1949	1950	1951
Gross national product.....	\$258,229	\$284,187	\$329,232
Personal consumption expenditures.....	180,588	194,277	207,972
Durable goods.....	23,840	29,152	27,120
Nondurable goods.....	99,223	102,760	113,505
Services.....	57,525	62,365	67,347
Gross private domestic investment.....	33,465	50,349	58,515
New construction.....	17,250	22,889	23,252
Producers' durable equipment.....	18,697	21,989	24,927
Change in business inventories.....	-2,482	5,471	10,336
Net foreign investment.....	528	-2,304	193
Government purchases of goods and services.....	43,648	41,865	62,552
Federal.....	25,449	22,165	40,881
National security ¹	19,274	18,497	37,085
National defense.....	13,556	14,244	33,663
Other national security.....	5,718	4,253	3,422
Other.....	6,570	3,909	4,202
Less: Government sales.....	395	241	406
State and local.....	18,199	19,700	21,671

¹ National defense purchases comprise the purchases of the Atomic Energy Commission, Defense Department, Maritime Administration (before 1950), National Advisory Committee for Aeronautics, and Selective Service System, together with purchases for the programs of defense production and economic stabilization, foreign military assistance administered by Mutual Security Agency (formerly Mutual Defense Assistance program), and the stockpiling of strategic and critical materials. Purchases under "Other national security" comprise those of the Maritime Administration (after 1949), National Security Council, National Security Resources Board, Philippine War Damage Commission, and State Department, as well as purchases for the following foreign economic assistance programs: those now administered by the Mutual Security Agency, government and relief in occupied areas, India Emergency Food Aid, International Children's Emergency Fund, and Yugoslav Emergency Relief Assistance.

Federal purchases of goods and services for the years 1947 and 1948 are now broken down as follows:

	1947	1948
Federal.....	\$15,784	\$21,022
National Security.....	13,328	16,083
National Defense.....	12,233	11,677
Other National Security.....	1,095	4,406
Other.....	3,751	5,570
Less: Government sales.....	1,295	631

Source: U. S. Department of Commerce, Survey of Current Business, July 1952, page 13, table 2.

TABLE L-3: National income by distributive shares, 1949-51

[In millions]

	1949	1950	1951
National income.....	\$216,259	\$239,170	\$277,554
Compensation of employees.....	139,915	153,375	178,880
Wages and salaries.....	133,356	145,603	169,906
Private.....	112,978	123,442	141,159
Military.....	4,248	4,999	8,640
Government civilian.....	16,130	17,162	20,107
Supplements to wages and salaries.....	6,559	7,772	8,974
Employer contributions for social insurance.....	3,503	3,962	4,748
Other labor income.....	3,056	3,810	4,226
Income of unincorporated enterprises and inventory valuation adjustment.....	34,405	37,015	41,778
Business and professional.....	21,629	23,667	26,210
Income of unincorporated enterprises.....	20,998	24,907	26,591
Inventory valuation adjustment.....	631	-1,240	-381
Farm.....	12,776	13,348	15,568
Rental income of persons.....	7,720	8,175	8,871
Corporate profits and inventory valuation adjustment.....	29,189	34,795	41,579
Corporate profits before tax.....	27,107	39,610	42,874
Corporate profits tax liability.....	10,817	18,383	24,213
Corporate profits after tax.....	16,290	21,227	18,661
Dividends.....	7,469	8,957	9,036
Undistributed profits.....	8,821	12,270	9,625
Inventory valuation adjustment.....	2,082	-4,815	-1,295
Net interest.....	5,030	5,810	6,495

Source: U. S. Department of Commerce, Survey of Current Business, July 1952, page 13, table 1.

TABLE L-4: Personal income and disposition of income, 1949-51

[In millions]

Item	1949	1950	1951
Personal income.....	\$205, 867	\$226, 312	\$254, 075
Wage and salary receipts.....	131, 167	142, 678	166, 461
Total employer disbursements.....	133, 401	145, 567	169, 877
Less: Employee contributions for social insurance.....	2, 234	2, 889	3, 416
Other labor income.....	3, 056	3, 810	4, 226
Proprietors' and rental income.....	42, 125	45, 190	50, 649
Dividends.....	7, 469	8, 957	9, 036
Personal interest income.....	9, 644	10, 545	11, 339
Transfer payments.....	12, 406	15, 132	12, 364
Less: Personal tax and nontax payments.....	18, 626	20, 808	29, 100
Federal.....	16, 159	18, 120	26, 100
State and local.....	2, 467	2, 688	3, 000
Equals: Disposable personal income.....	187, 241	205, 504	224, 975
Less: Personal consumption expenditures.....	180, 588	194, 277	207, 972
Equals: Personal saving.....	6, 653	11, 227	17, 003

Source: U. S. Department of Commerce, Survey of Current Business, July 1952, page 15, table 3.

TABLE L-5: Retail sales, 1951

[In millions]

Year	All retail stores	Durable goods stores	Nondurable goods stores
1951.....	\$150, 589	\$51, 882	\$98, 707
1951: January.....	13, 593	5, 128	8, 465
February.....	13, 321	5, 049	8, 272
March.....	12, 633	4, 590	8, 043
April.....	12, 285	4, 276	8, 009
May.....	12, 411	4, 272	8, 139
June.....	12, 240	4, 186	8, 054
July.....	12, 058	3, 967	8, 091
August.....	12, 429	4, 133	8, 296
September.....	12, 258	4, 138	8, 120
October.....	12, 551	4, 189	8, 362
November.....	12, 492	4, 036	8, 456
December.....	12, 318	3, 918	8, 400

TABLE L-6: Corporate income before and after Federal and State income and excess profits taxes, 1949-51

[In millions]

Industry	Before taxes		
	1949	1950	1951
All private industries	\$27,107	\$39,610	\$42,874
Agriculture, forestry, and fisheries	162	221	266
Mining	1,127	1,388	1,600
Contract construction	532	981	845
Manufacturing	14,989	23,762	26,378
Wholesale and retail trade	3,960	5,613	5,491
Finance, insurance, and real estate	2,711	2,677	2,938
Transportation	1,143	1,963	1,910
Communications and public utilities	1,720	2,170	2,516
Services	531	522	556
Rest of world	232	313	374
After taxes			
All private industries	\$16,290	\$21,227	\$18,661
Agriculture, forestry, and fisheries	89	123	126
Mining	828	957	1,045
Contract construction	311	493	332
Manufacturing	9,054	12,648	10,829
Wholesale and retail trade	2,322	2,950	2,459
Finance, insurance, and real estate	1,470	1,289	1,266
Transportation	647	987	850
Communications and public utilities	1,046	1,194	1,144
Services	291	273	236
Rest of world	232	313	374

Source: U. S. Department of Commerce, Survey of Current Business, July 1952, page 19, table 17, and page 20, table 19.

TABLE L-7: Wages and salaries by industry, 1949-51

[In millions]

Industry	1949	1950	1951
All industries, total	\$133,356	\$145,603	\$169,906
Agriculture, forestry, and fisheries	3,169	3,057	3,284
Mining	2,931	3,156	3,581
Contract construction	6,939	7,911	9,784
Manufacturing	43,850	49,408	58,287
Wholesale and retail trade	25,585	27,337	30,021
Finance, insurance, and real estate	4,993	5,523	6,053
Transportation	9,275	9,794	11,259
Communications and public utilities	4,036	4,212	4,643
Services	12,200	13,044	14,247
Government and government enterprises	20,363	22,144	28,726
Rest of world	15	17	21
Addendum: All private industries	112,978	123,442	141,159

Source: U. S. Department of Commerce, Survey of Current Business, July 1942, page 18, table 14.

TABLE L-8: Average Federal income-tax payments of families consisting of husband, wife, and 2 children, by size of income, 1951

Average annual income	1951 average income-tax payment
\$1,000	
\$1,500	
\$2,000	
\$2,500	
\$3,000	
\$3,500	
\$4,000	
\$4,500	
\$5,000	
\$8,000	
\$10,000	
	1,398

TABLE L-9: Distribution of urban families of 2 or more persons, by annual money income, 1950

Money income classes	Percent of total
	1950
All classes	100.0
Under \$500	3.3
\$500 and under \$1,000	4.0
\$1,000 and under \$1,500	4.7
\$1,500 and under \$2,000	5.7
\$2,000 and under \$3,000	16.5
\$3,000 and under \$5,000	38.4
\$5,000 and over	27.5

Source: Bureau of the Census report, Series P-60, No. 9; Income of Families and Persons in the United States: 1950.